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HORTICULTURE
INVESTIGATIONS

Peter Henderson & Co.

35 AND 37 CORTLANDT ST.
NEW YORK.

DIVISION OF
JUN 22 1899
PICKING
BOTANY
SEED LABORATORY

HENDERSON'S
NEW STRAWBERRY
"REPEATER"
BEARS 2 CROPS A YEAR
SPRING AND AUTUMN.
SEE PAGE 2.

PICKING "REPEATER" STRAWBERRIES IN JUNE.

MID-SUMMER CATALOGUE 1899.

PICKING "REPEATER" STRAWBERRIES IN SEPTEMBER

STRAWBERRY AND VEGETABLE PLANTS
FOR SUMMER PLANTING.

SEEDS

LAWN ESSENTIALS. FOR SUMMER SOWING.

INSECTICIDES & FUNGICIDES.

STECHER LITH. CO. ROCH. N.Y.

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PETER HENDERSON & CO.'S 1899

MID-SUMMER CATALOGUE.

For Summer Planting: PAGES

Pot Grown Strawberry Plants, - - - *1 to 11*
Celery, Cabbage and Cauliflower plants, *12 to 14*

For Summer Sowing: PAGES

Vegetable Seeds, - - - *16 to 17*
Turnip, Mangel and Farm Seeds, - *18 to 22*

LAWN ESSENTIALS, GARDEN IMPLEMENTS, &c., *Pages 23 to 30.*

INSECTICIDES, FUNGICIDES AND IMPLEMENTS FOR APPLYING, *Pages 31 to 33.*

FREE PREMIUMS.

PURCHASERS MAY SELECT AS PREMIUMS

Their Choice of Plants or Seeds on orders from this Catalogue for Plants or Seeds offered on Pages 3 to 18 inclusive

AS FOLLOWS

On $1.00	Order	Select	Premium	value to	10c.	Extra.	On $16.00	Order	Select	Premium	value to	$2.65	Extra.
" 2.00	"	"	"	"	25c.	"	" 17.00	"	"	"	"	2.85	"
" 3.00	"	"	"	"	45c.	"	" 18.00	"	"	"	"	3.00	"
" 4.00	"	"	"	"	60c.	"	" 19.00	"	"	"	"	3.25	"
" 5.00	"	"	"	"	75c.	"	" 20.00	"	"	"	"	3.50	"
" 6.00	"	"	"	"	90c.	"	" 21.00	"	"	"	"	3.75	"
" 7.00	"	"	"	"	$1.05	"	" 22.00	"	"	"	"	4.00	"
" 8.00	"	"	"	"	1.20	"	" 23.00	"	"	"	"	4.15	"
" 9.00	"	"	"	"	1.35	"	" 24.00	"	"	"	"	4.30	"
" 10.00	"	"	"	"	1.50	"	" 25.00	"	"	"	"	4.50	"
" 11.00	"	"	"	"	1.75	"	" 30.00	"	"	"	"	5.50	"
" 12.00	"	"	"	"	2.00	"	" 35.00	"	"	"	"	6.50	"
" 13.00	"	"	"	"	2.15	"	" 40.00	"	"	"	"	7.65	"
" 14.00	"	"	"	"	2.30	"	" 45.00	"	"	"	"	8.75	"
" 15.00	"	"	"	"	2.50	"	" 50.00	"	"	"	"	10.00	"

The above premiums **CANNOT** be allowed on Farm Seeds, Implements, Insecticides, &c., offered on pages 19 to 33 inclusive; nor can we allow any of these things to be selected as premiums.

WE DELIVER FREE Strawberry Plants by the dozen and Vegetable Seeds (*except noted*) to any post office or railroad express office in the United States at prices quoted in this catalogue.

HOW BEST TO ORDER AND REMIT.

Remittances should be made either in the form of an **Express Money Order** (*which is the best and safest method of remitting*), **or a P. O. Money Order, Bank Draft or Registered Letter.**

Customers can also shop by express, as all express companies have purchasing departments in all their offices. If you wish to order goods from us to be sent by express, ask for a Purchasing Order Blank at any express office, and it will be supplied and forwarded without charge, other than usual rates for returning goods.

If goods are wanted C. O. D., 25 per cent. of the amount must accompany the order.

Orders from unknown correspondents, without remittance, should be accompanied by New York City references, to save delay.

About Packing and Shipping and no charge made. We make no charge for packing excepting for cloth bags and no charge for cartage or delivery of goods to any railway station, steamship line or express office in New York City.

The safe arrival is guaranteed in good condition of all strawberry and vegetable plants, sent by express or mail where transit does not exceed three days.

Have your plants sent by express. They will reach you in better condition than by mail. We have secured for our customers from railroad express companies a **special rate** on plants from New York, which is **twenty per cent.** less than merchandise rates at which they were heretofore carried.

PETER HENDERSON & CO.,

ALFRED HENDERSON, Pres.
CHARLES HENDERSON, Vice-Pres. and Treas

35 & 37 Cortlandt St., New York.

June 15, 1899.

While we exercise the greatest care to have all Seeds, Plants, and Bulbs pure and reliable, we do not give any warranty express or implied. If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid for same will be refunded.—P. H. & Co.

1899 Mid-Summer Catalogue Order Sheet. 1899

PETER HENDERSON & CO., 35 & 37 Cortlandt Street, New York.

Send by .....

State if wanted by Mail, Express (and Company); Freight (and Route); Steamer (and Line).

To (Name) .....

Post Office .....

Station .....

County .....

State .....

Gardener's Name .....

Date, ...1899.

AMOUNT ENCLOSED.

Express Money Order } $.....
(Above is the best and safest method.)

Draft, $.....

P. O. Order, $.....

Cash, $.....

Postage Stamps, $.....
(If goods are wanted by express, C.O.D. 25 per cent. of the amount must accompany the order.)

QUANTITY	ARTICLES	PRICE	
	Amount carried forward,		

QUANTITY	ARTICLES	PRICE	
	Amount brought forward,		
	Total amount of order,		

☞ IN ORDERING Please Use this Order Sheet.

Route Shipped by.....; *Date shipped*.....1899

In.....*Pkg.*;.....*Boxes*;.....*Baskets*;.....*Bbls.*;.....*Bags*

The following articles will be sent.....

Laid out by.....; *Checked by*_____; *Reply required by*.....

OUR POT-GROWN STRAWBERRY PLANTS.

Henderson's POT-GROWN Strawberry Plant.

WE GROW our Strawberry Plants in Pots.

THEY will be ready on and after July 25th, and if set out any time before September 15th, they will grow into fine plants and bear a full crop of luscious fruit the next spring, being a clear gain of one year over the "ground layer" plants usually supplied by others, which is certainly worth much more than the slight difference in first cost.

Pot-Grown Strawberry Plants are much superior to the ordinary ground layers usually sold, as there is no loss of fine roots in taking them up, and they can be shipped safely to distant parts of the United States and Canada, and be transplanted at any season, and it scarcely checks their growth; the earlier the pot-grown plants can be planted after August 1st, the larger they will grow and the more they will produce the next spring.

We do not offer a long list of varieties in Strawberries, but only such as may be fairly considered the best of existing sorts.

☞**Send in your order at once,** as we will fill orders in the rotation they are received. Our first crop of plants will be ready about July 25th. Small lots of plants can be mailed at the prices quoted per dozen, but as we have to wash the ball of earth from the roots to reduce the weight and postage, it is advisable to have larger quantities go by express, so the earth may not be disturbed. (Purchaser pays transit charges on express shipments.)

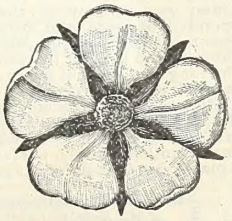
BRIEF DIRECTIONS FOR CULTURE.

Strawberries require rich, well-tilled soil, the plants should be set 15 inches apart, in rows 2 feet apart; 100 plants will plant 4 rows, 30 feet long; an acre requires 14,520 plants if set at the above distance, but for horse cultivation they should be set 2 feet apart, in rows 3 feet apart requiring 7,260 plants for an acre. Firm the plants well in the soil, keep thoroughly cultivated and cut off all runners. In the middle of December, cover the beds to a depth of 3 inches with salt meadow hay, straw or leaves. In April, or as soon as the plants show an indication of growth push the covering away from the plants to allow them to come up through. This "mulching" protects the plants from the cold in winter and the heat in summer, keeps the fruit clean and prevents the growth of weeds.

PERFECT.....versus.....IMPERFECT Flowering Strawberries.

BI-SEXUAL.

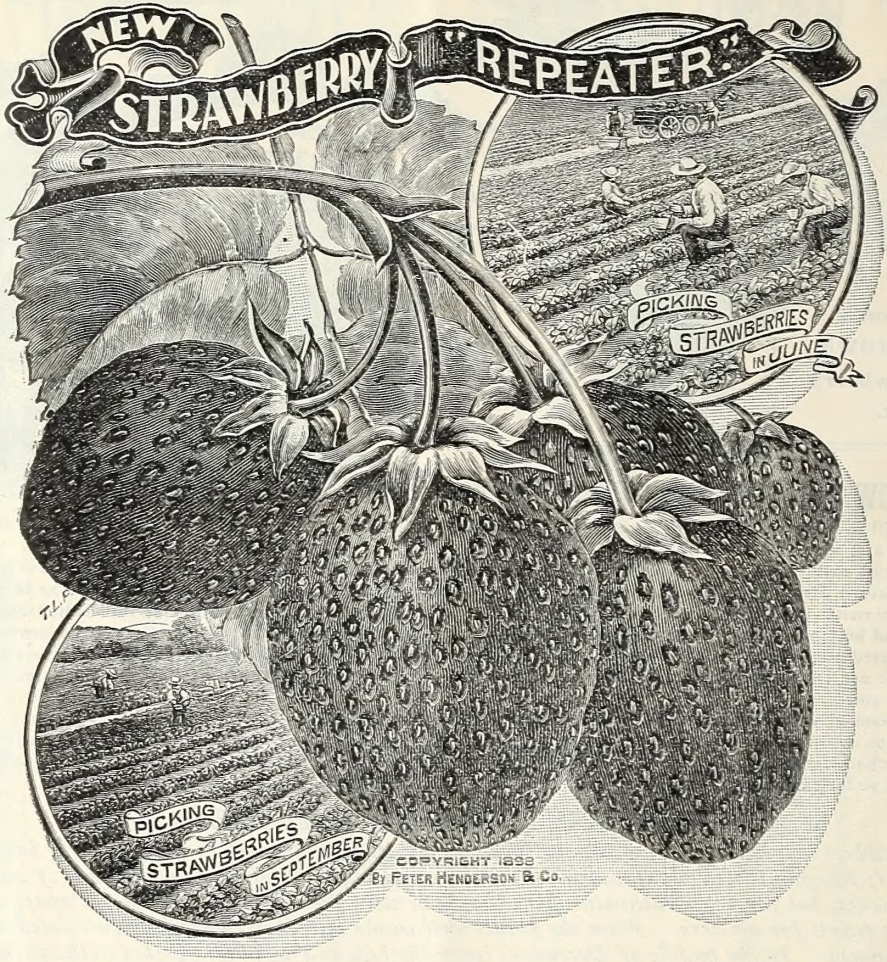
The blossoms of strawberries are either bi-sexual (perfect flowering) or are destitute of stamens and are termed pistillate (imperfect flowering.) Pistillate varieties must have a row of a perfect-flowered sort, planted every nine or twelve feet apart among them, or, better yet, every third or fourth plant in the row, to pollenize their blossoms. When properly fertilized the pistillate varieties are usually the most prolific.



PISTILLATE.

Complete cultural instructions mailed free, to those requesting them, on receipt of order for strawberry plants.

TWO CROPS of Strawberries a Year—Spring and Fall, ——are Produced by HENDERSON'S "REPEATER."


NEW STRAWBERRY "REPEATER."
PICKING STRAWBERRIES IN JUNE
PICKING STRAWBERRIES IN SEPTEMBER
COPYRIGHT 1888 BY PETER HENDERSON & Co.

Henderson's New Strawberry, "REPEATER."

TWO CROPS PRODUCED IN ONE SEASON.

FOR SEVERAL seasons past our attention has been called to a Strawberry which made its appearance in the New York market *in September*, and we were at first loath to believe that the fruit could be obtained under natural conditions at that season of the year Investigation however, showed that such was the case; the fruit was picked in the open field from the same plants that produced a bounteous crop in June. The only special cultivation given was to manure the beds after the crop was picked, and the vigor of the variety is such that it responded at once and produced a paying crop, not for one season alone, *but for three seasons.* As a further proof of this marvel. we may state that the leading market varieties. grown under precisely the same conditions, failed to fruit the second time in the same season. The vigor of this variety is marvelous. Last season, during the long dry spell, it grew continuously. never showing the slightest tendency to rest while standard varieties in the same field ceased growing and rusted badly. another proof of its wonderful vitality—the secret. we believe, of its ability to bear a second crop The commission merchant in New York who sells the fruit says that even in June it is the best seller he handles, finding sale for it at an advanced price among the most fastidious of his customers. The fruit is very large when well grown a glossy crimson, delicious flavor, and a great point in its favor is that it is very easily hulled. It is a perfect-flowered variety, medium to late. **Price,** (*pot-grown plants*) that will fruit next season, 3 plants for 25c., 12 for $1.00, 25 for $2.00, 50 for $3.75, 100 for $7.00.

AMBROSE LOCKWOOD, Brockton, Mass., wrote October 30th:

"I picked berries from the new Strawberry, (Repeater) September 5th. I think they will prove a good thing. The plants were set out in March.

THE

Forerunners

-of a—

NEW RACE.

Large Fruiting FRENCH

EVERBEARING STRAWBERRIES.

(Shown in colors on the back cover.)

THESE new large fruiting French Everbearing Strawberries are the forerunners of a new class of this world popular fruit. They possess remarkable characteristics when grown under congenial conditions. Our pot-grown plants of them—set out this summer should fruit bountifully the following spring, and continue to bear, though more sparingly, throughout the summer. In addition to this, the plants throw out strong runners which form new plants, and if not cut from the parent plants will also fruit the same season, thus giving a continuous supply of delicious strawberries until frost. We understand that some of the French gardeners when they want an abundance of late fruit, cut off the first flowers from the large plants and also keep the runners cut which throws the vigor into the late fruit; others, besides keeping the flowers cut from the large plants, allow three or four first runners to root only, thus throwing the strength of the parent plant into the young plants and depend upon these to furnish the late fruit. Other gardeners again allow nature to take its course and gather fruit from both the parent and young plants. It would be as well for our customers to practice all three of the above methods for a year or two until they can decide which is best for their particular requirements and cultural conditions.

These New Large Fruiting French Everbearing Strawberries have done well in France, Germany and England, where there is an increasing demand for them, and they have been favorably commented upon by the Horticultural press of Europe. We imported the plants direct from France last season, and their thrifty, healthy growth and deep rooting qualifications indicate that they will do well in this country.

FRENCH EVER-BEARING STRAWBERRY, ST. JOSEPH.

For Summer and Winter Fruiting.

Fruit of good size; the surface color is of a rich, glossy red, which color permeates the flesh as well. The berries are firm, very juicy and of a sweet, sparkling flavor. The plant is hardy, vigorous, an abundant and continuous bearer, both on the old plants as well as the young ones. In addition to its great productiveness and value as a garden berry, beautiful strawberries can be obtained all winter without the great expense attending the forcing as in other varieties; for young plants potted up in July or August, form fine plants by the beginning of winter, when they should be placed under sashes or in a grapery or greenhouse and fruit may be gathered from them during the winter and spring.

"**St. Joseph**" received a first-class certificate from the "Societe Nationale d'Horticulture de France."

Price, (pot-grown plants) 25c. each, $2.50 per dozen, $15.00 per 100.

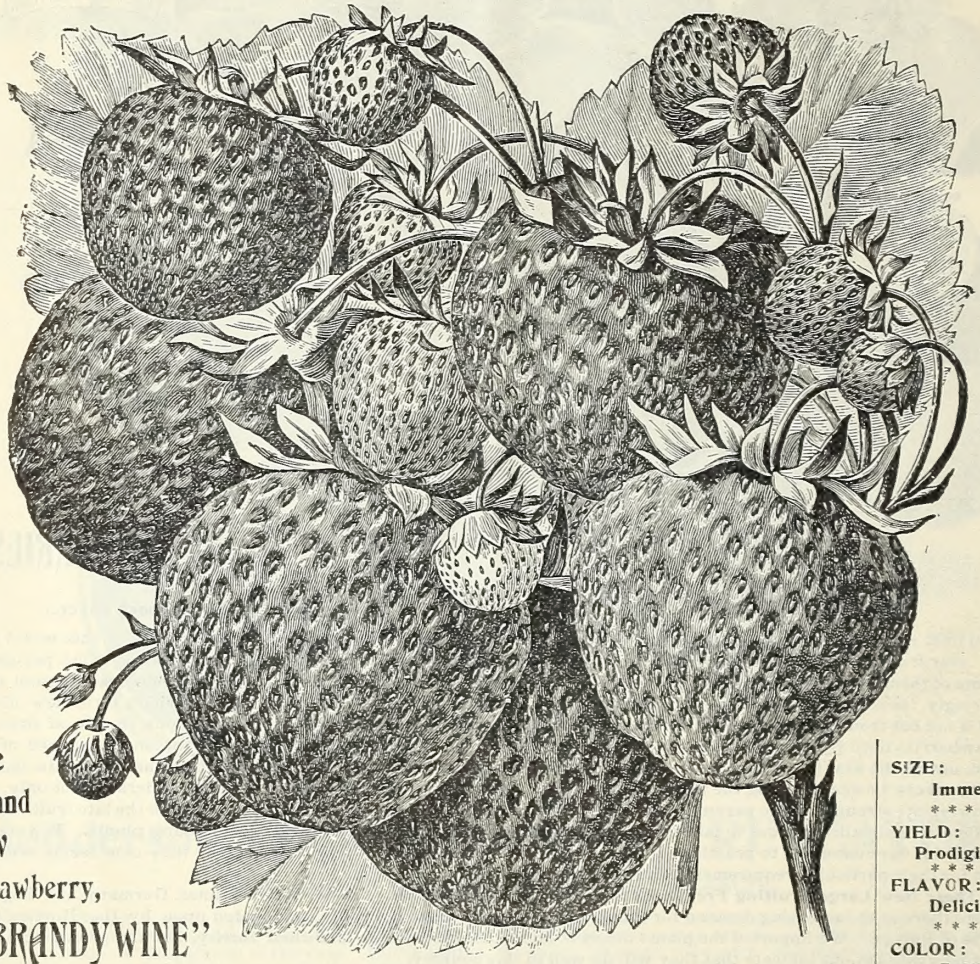
FRENCH EVER-BEARING STRAWBERRY, LOUIS GAUTHIER.

Fruit very large, rosy white, very juicy, very sweet, delicious flavor; richly perfumed; plant of extraordinary vigor. Produces enormously—160 berries having been counted on one plant. The raiser, Mons. Gauthier, received for it a special silver medal from the commission appointed by a French Horticultural Society to visit his field of it. (Stock limited.) **Price,** (pot-grown plants) 25c. each, $2.50 per dozen.

HENDERSON'S "FAMILY FAVORITE" STRAWBERRY.

Bi-Sexual—Mid-Season.

A RELIABLE variety succeeding well in all localities and soils where strawberries can be grown. It is one of the finest and most attractive varieties grown for the home garden—the berries average very large, bluntly conical, perfectly formed, never coxcombed and of rich, glossy crimson color, permeating the flesh almost to the centre, rendering it the ideal dessert strawberry, and unsurpassed for canning and preserving. The flavor is exceptionally sweet; it is a bountiful producer of large berries and, considered from all points, is one of the most satisfactory family strawberries ever introduced. The plant is a strong, healthy, luxuriant grower, rooting deeply and indifferent to droughts, the large foliage free from rust protects the flowers from late frosts, so it can always be depended upon to yield a bountiful crop. It is a bi-sexual or perfect flowering variety, therefore does not require another variety to be planted in conjunction with it to insure a crop. It is a second early variety and bears continuously for several weeks. **Price,** pot grown plants that will bear a full crop next season, 75c per doz., $5.00 per 100.



The Grand New Strawberry, "BRANDYWINE"

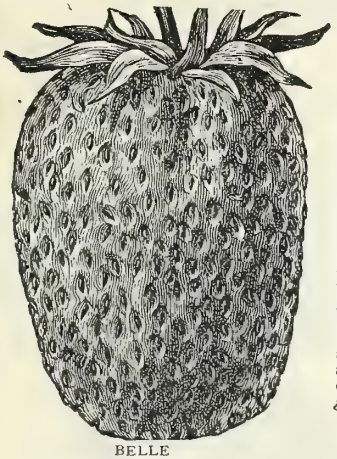
(*Bi-sexual: Mid-season to Very Late.*) (*See colored plate.*)

ALTHOUGH the Brandywine has only recently been offered to the public, yet it is already *world famous* from the superlatively flattering reports in the Horticultural press, from the experiment stations and from strawberry critics to whom a few plants were given for trial. It has been thoroughly tested in many parts of the country and has given universal satisfaction, in fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory.

The berries of the "Brandywine" are of magnificent and immense size—very firm, solid and shapely for so large a berry. In general it is broadly heart-shaped without neck, occasionally fruits will be found shaped as if two berries were joined together; flesh red to the core, of delightful aroma, rich, juicy and luscious. The seeds are but slightly imbedded, which adds to its firmness. The color is of a rich, dark glossy scarlet. Colors uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness the Brandywine strawberry is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff, stout stems, ripening in succession for a long period, from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of Brandywine are remarkably vigorous, healthy and hardy, throwing out strong runners, the foliage is of the largest and thriftiest, entirely free from scald or blemish. **Price,** (*for pot-grown plants that will bear a full crop of berries next spring*), 60c. per doz., $4.00 per 100.

SIZE: Immense. * * *
YIELD: Prodigious. * * *
FLAVOR: Delicious. * * *
COLOR: Brilliant and Uniform. * * *
SHAPE: Beautiful and Regular. * * *
PLANT: Strong, Luxuriant and Healthy.

Strawberry plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

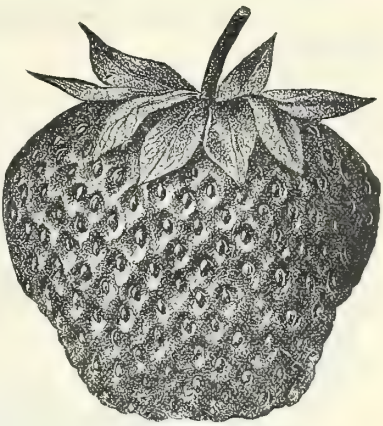


BELLE

The "Belle" or Lady Finger.

Bi-sexual: Mid-season to late.

When given high culture it has merited the enthusiastic praise given it, and proved wonderfully productive and extra choice. The berries are very large and long, averaging two inches, some even attaining a length of 2½ inches. They are usually necked and of very excellent quality. Color bright glossy red, deepening into crimson, the surface color permeating the entire fruit. The blossoms are as near frost proof as any variety known. We picked fruit from the "Belle" last season for 32 days, commencing June 10th. Plants above medium size, perfect in vigor and habit, and without trace of rust or blight. (*See cut.*) **Price,** (*pot-grown plants*), 60c. doz.; $4.00 per 100.

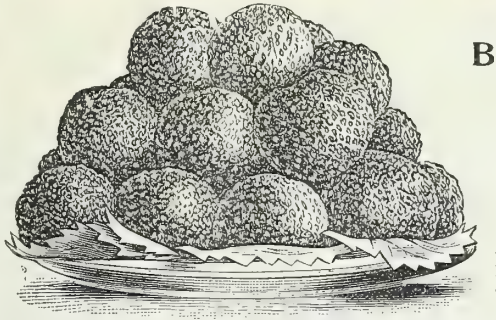


BEDERWOOD.

Bubach No. 5.

(*Pistillate, Mid-season.*)

Probably the best known and most popular of all large strawberries. It is a wonder in its season of fruit, completely covering the ground about the plant with large berries. The berries are remarkable large and continue large to the last picking, roundish, slightly fattened and unusually creased on one or both sides, medium firm and quality good, color orange scarlet, ripening well and even, it is certainly the largest yielder of big fruit that grows. The plant is a beauty, strong, healthy, vigorous: but unfortunately for us, a poor producer for runners. It is strictly pistillate and requires some bi-sexual variety to be planted near to pollenize it. (*See cut.*) **Price,** (*pot-grown plants*) 50c. per doz., $3.50 per 100.



NEW STRAWBERRY "BRUNETTE."

Bederwood, (Rackster.)

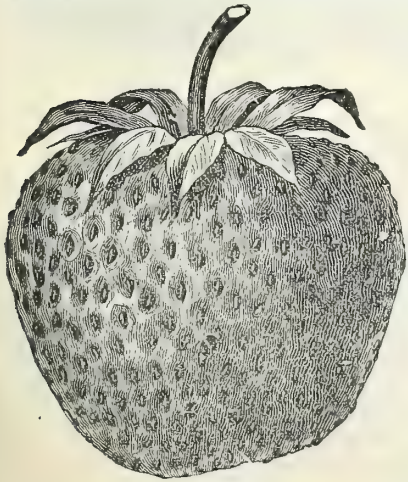
Bi-sexual: Early.

A new and exceedingly valuable early strawberry. Conceded to be the best early berry for home use and worthy of great praise; probably the very best early variety ever introduced. It is not only very early, but immensely productive. The plant is faultless, of healthy, vigorous growth, and an enormous bearer, perhaps equal to any of the pistillate sorts in this respect, the berries are of large size, of regular roundish form, light scarlet, of excellent quality, remaining in fruit a long time. We picked berries from it every day for a month last season. **Price,** (*pot-grown plants*), 50c. doz. $3.50 per 100.

NEW STRAWBERRY "BRUNETTE." (*Bi-sexual. Mid-season.*)

This is one of the finest flavored strawberries in cultivation, rich, sweet and luscious, we understand that invalids in Muncie, Indiana, near where this variety was raised, send regularly during the season two miles to the orginators for the fruit of this variety, because they claim it is the only strawberry they can eat with impunity.

The berries are exceedingly handsome, roundly conical in shape and almost invariably pefect in form; extra large, and of a very rich dark red color, like port wine and the interior flesh is also richly colored; it ripens thoroughly all over, without any white nor green tips. The plant is a good strong, healthy grower and very productive and especially desirable for home use or home market. (*See cut.*) **Price,** (*pot-grown plants*), 60c. per doz., $4.00 per 100.



BUBACH NO. 5.

CLYDE.

Bi-sexual: Early.

Few varieties have given better satisfaction in all parts of the country. It is one of the very best early varieties—it is a week earlier than Bubach and very firm, large, bright scarlet berries of fine flavor. The plants are strong growers—deep rooting, stands drought well, free from rust and disease. It is a great basket filler, and we highly recommend it. (*See cut.*)

Price, (*pot-grown plants*), 75c. per doz., $5.00 per 100.

CLYDE.

Strawberry Plants mailed free at the dozen price, but to the 100, if desired by mail, add 50c. for postage.

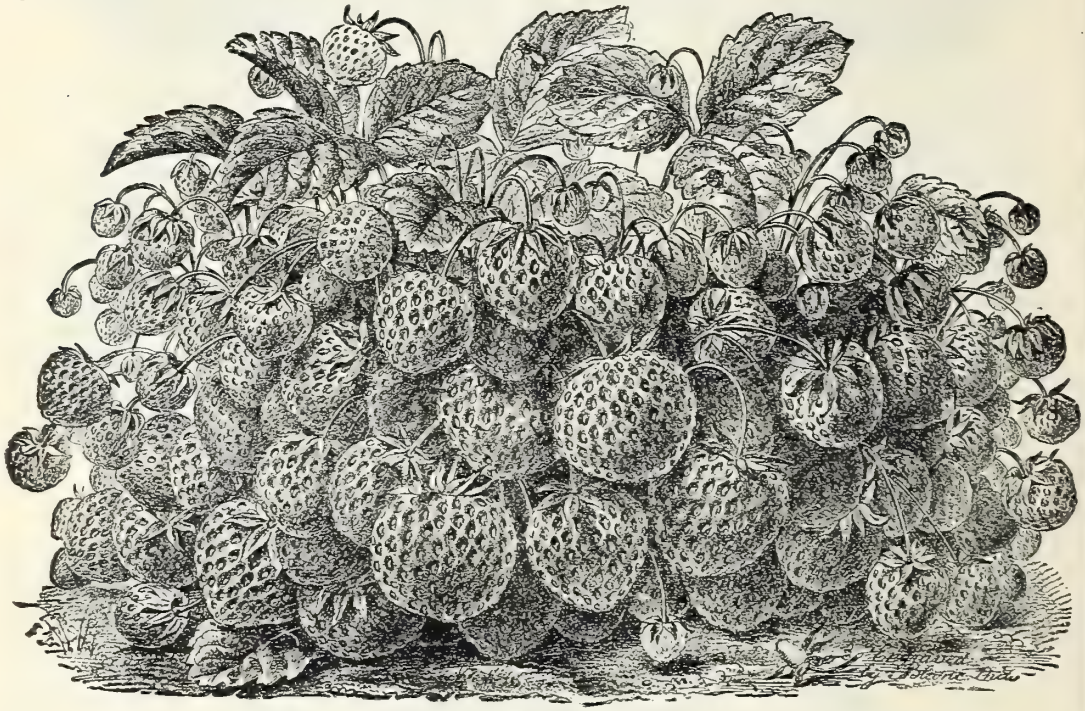
New Strawberry, "ENORMOUS."

(*Pistillate. Late.*)

As its name indicates, it is Enormous, though somewhat variable in shape, but very firm and solid; deep scarlet and as glossy as if varnished, quality first rate. Excellent for canning, retaining its shape perfectly.

The plant is a strong grower, and an abundant bearer, the luxuriant foliage showing no tendency to rust or disease. It blooms so late that there is little danger of frost injuring the blossoms, and can therefore be depended upon to bear bountifully. The originator of the Bubach admits that it is larger than Bubach and about twice as productive. The New York experiment station reports it more productive than Crescent, supposed to be the most prolific variety grown though poor in other respects. The Michigan Agricultural Station reports that it produced 155 ounces of fruit while others under equal conditions produced 66 ounces. It has given great satisfaction wherever tried and will undoubtedly take and hold first rank.

PRICE, (*Pot-grown Plants that will bear a full crop of fruit next spring*), 60c. doz.; $4.00 per 100.



GLEN MARY

Glen Mary

(*Bi-sexual: Mid-season.*)

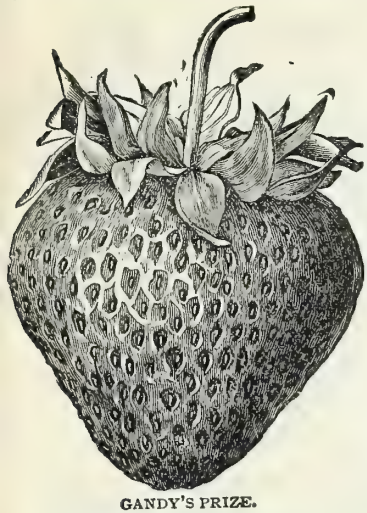
THE MOST PRODUCTIVE LARGE STRAWBERRY.

THIS new strawberry "Glen Mary" is the best berry for large size, good quality and large yield that has ever been offered to the American people and in these three respects we believe it has no equal. We especially recommend it for the home garden and nearby markets. In productiveness it is unsurpassed—last season a quarter of an acre plot yielded **1280 quarts at one picking**, and over 12,000 quarts were gathered during the season from one acre—and this without any special petting or culture.

In size the berries average extraordinarily large, twelve specimens will fill a quart, the size holds up well until the end; in shape the berries are broadly heart shaped, oftening widening at the tip; color, dark glossy crimson, fairly firm and of excellent quality; plant strong and healthy. (*See cut.*)

PRICE, (*Pot-grown Plants that will bear a full crop of fruit next spring*), 60c. per doz.; $4.00 per 100.

Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c for postage.



GANDY'S PRIZE.

GANDY'S PRIZE. THE GANDY.

(*Bi-sexual: Late.*)

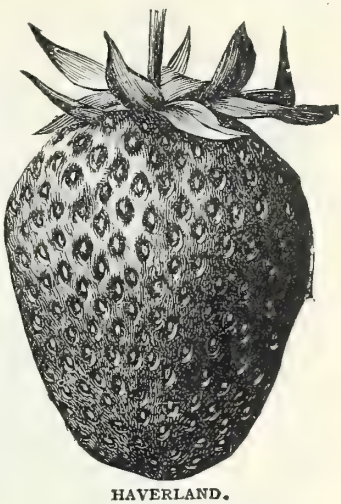
One of the best *late* strawberries ever introduced. Strictly fancy. The fruits are uniformly large and perfect in form and firm; color, bright crimson and as glossy as if varnished; it has a large bright green calyx, which greatly adds to the beauty. This is the latest and best flavored berry we have yet seen. The quality is all that can be desired, giving out a most delicious aroma, suggestive of both strawberries and peaches It ripens from *late* to *very late*. The plants are very vigorous growers. In well fertilized soil this berry is a *big yielder* (*See Cut*) **Price,** (*pot-grown plants*), 50c. per doz.; $3.50 per 100.

HAVERLAND.

(*Pistillate: Early.*)

Extra early and marvellously productive, particularly in rich, deep soil. The long, glossy crimson berries of fine quality fairly cover the ground. It is exceedingly vigorous and healthy. It has been grown everywhere and receives nothing but praise.

Price, (*pot-grown plants*) 50c. per. doz., $3.50 per 100.



HAVERLAND.

JESSIE.

(*Bi-sexual: Early to ...Mid-season.*)

A very large and handsome strawberry, of bright glossy crimson. Where light, rich soil and good culture is given, it gives splendid satisfaction. Its large size, handsome, regular form and fine quality makes it the most desirable of berries. A gentleman in Massachusetts who was awarded the $25.00 prize for largest yield, grew 51½ pounds of fruit from 12 plants, the largest berry measuring 9½ inches around. Plant strong, stocky, vigorous, free from rust and wonderfully productive, and one of the best pollenizers for early pistillates. **Price,** (*pot-grown plants*), 50c. per doz., $3.50 per 100.

HILTON GEM.

JEWELL.

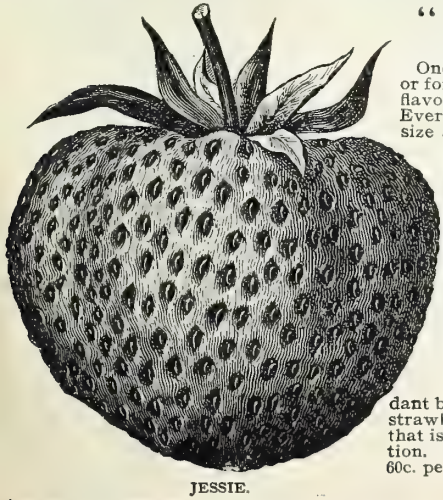
(*Mid-season. Pistillate*)

A wonder among strawberries when grown on heavy, rich soil in hills and highly cultivated, with a bi-sexual variety to pollenize it; under such conditions it is the most productive variety grown. From single plant at one picking we have filled a quart basket heaping full. The berries are very large, well formed and exceedingly showy; color rich crimson flavor delightful. It is a luxuriant grower; single plants have covered a space of 7 feet in circumference. (*See cut.*) **Price,** (*pot-grown plants*), 60c. per doz., $4.00 per 100.

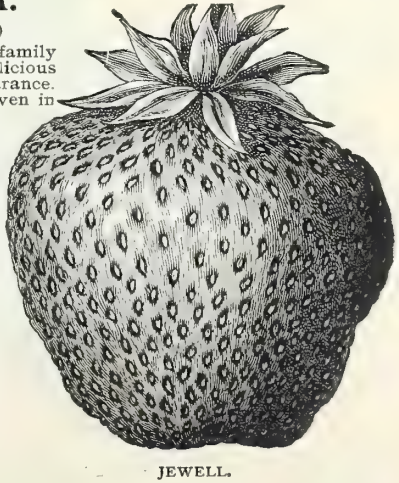
"HILTON GEM."

(*Bi-sexual: Early to Late.*)

One of the best, either for the family or for market; uniform size, delicious flavor and handsome appearance. Every berry perfect, and as even in size and form as if turned out of a mould. It ripens uniformly, the color when ripe is a glossy crimson scarlet. Not a green tip. It is medium in size, juicy and solid to the centre and of a delightful flavor; in fact, this is one of its excelling merits. It is an all seasons berry, ripening early and bearing late. Its growth is strong but not rampant, thus allowing the berries to ripen well and evenly. An abundant bearer. A good all-round strawberry for the family—one that is certain to give satisfaction. **Price,** (*pot-grown plants*), 60c. per doz., $4.00 per 100.



JESSIE.



JEWELL.

Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

LOVETT.

LOVETT. *Bi-sexual: Early.*

Fruit firm and handsome. In productiveness it excels, succeeding everywhere. We do not claim for it mammoth size, but averaging large and uniform. The berries color all over at once. It gave us ripe fruit on May 22d. At a single picking it does not give as much fruit as some varieties that go quickly, but from first to last we have never seen a strawberry yield so much fruit. **Price,** (*pot-grown plants*), 50c. per doz., $3.50 per 100.

"Margaret."

(*Bi-sexual: Mid-season.*)

This variety has made a remarkable record—perhaps never equalled, and is now offered with great confidence. It responds readily to good culture, and all careful growers may expect it to produce the finest fruit in great abundance. The plant is large and healthy and so vigorous in growth that it will mature its last berries and continue green and luxuriant while an abundance of strong runners are produced. The foliage is dark green, and so clean and healthy looking that it is a pleasure to work among the plants. The blossom is perfect and one of the strongest ever seen. It commences to ripen soon after the early varieties, and bears until nearly all others are gone. With a good chance its berries are all of large size. The plant with its habits of growth and productiveness is faultless. The fruit is usually conical, sometimes rather long, but never coxcombed or misshaped, often necked. The color is dark, glossy red, and the berries are not inclined to have white tips. The large, green calyx adds to its beauty. The flesh is firmer than most very large berries, and of excellent flavor. For healthy, vigorous growth, productiveness, size, beauty and quality the Margaret is a remarkable variety.

Price, (*pot-grown plants*), 60c. per doz., $4.00 per 100.

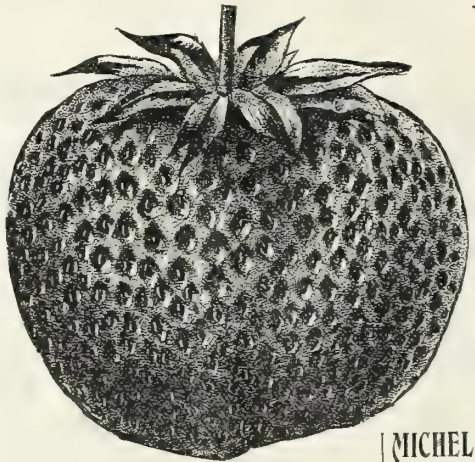
MARGARET.

MARY.

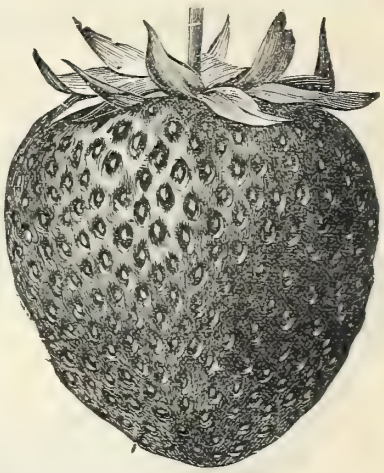
(*Pistillate: Mid-season to Late.*)

ONE of the largest strawberries yet produced; the most prolific, the most beautiful. The berries average remarkably large, of beautiful form, exceptionally uniform in shape, deep crimson color, and of extra rich, high quality, and keeps long when ripe, the berries retaining their large size to the end of the season. The fruit is rarely ill-shaped, never coxcombed—an unusual feature in a large berry. We have had it in bearing for three consecutive years and it has not developed a single defect.

Price, (*pot-grown plants,*) 60c. doz., $4.00 per 100.



MARY.



JERSEY MARKET.

JERSEY MARKET.

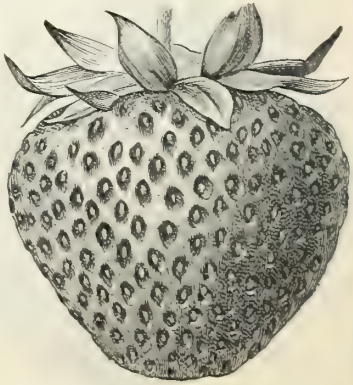
(*Pistillate: Mid-season.*)

An ideal Market Strawberry, combining all of the essential good qualities needed in a berry to sell, viz., firmness, bright color, good keeping qualities, productiveness, uniformly good size and fine quality on a strong, healthy plant. In a general way it is an improved Chas. Downing, resembling that old reliable in appearance, but it is larger, firmer in texture, of a bright crimson color. The individual berries are not mammoth in size, but it is a bountiful and reliable yielder under all conditions; a strictly business sort that everyone can depend upon.

Price, (*pot-grown plants*), 60c. per doz., $4.00 per 100.

MICHEL'S EARLY. (*Bi-sexual: Extra Early.*)

Michel's Early is the earliest variety of strawberry in cultivation that will produce a full crop of berries. It is a robust grower, with never a trace of rust or mildew. It yields bountifully, berries medium to large, handsome, regular conical form, color light scarlet, flavor exquisite; is a fine sort to pollenize early pistillates. *See cut.* **Price** (*pot-grown plants*) 50c. doz., $3.50 per 100.



MICHEL'S EARLY.

Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

"MICHIGAN"

(Bi-sexual: Extra Late.)

A NEW STRAWBERRY.—The latest of all, and one of the best of all lates. It is truly a superb sort and should be planted by every one desiring to extend the strawberry season to its utmost limits. It is not only a handsome fine berry, equalling the good old reliable late Gandy in size, quality and delicious flavor, but it ripens from ten days to two weeks later. When the Gandy is at its best, the berries of the Michigan only begins to show color. In form it is bluntly conical, exceptionally uniform in size and shape, and of a bright rich crimson color. The plant is a strong healthy grower, with luxuriant foliage and exceedingly productive. Its extreme lateness in ripening, large size, great productiveness and fine quality, render it of the highest value.
It is unexcelled for canning by reason of its fine quality, and firmness.
Price, (*pot-grown plants*) 60c. per doz. $4.00 per 100.

Always the Prize Taker.

The "MARSHALL."

(Bi-sexual: Mid-season.)

14 Berries to a Quart.

THE BERRIES are very beautiful and average extraordinarily large—often 14 fill a quart measure As an exhibition berry and for home use it is peerless—it captures the prize wherever exhibited almost without exception. It is the first of the extra large varieties to ripen, and although of great size the fruit is rarely ever misshapen The color is a rich glossy crimson that everyone admires—the surface color running well into the flesh, and the quality is far above the average As to productiveness, it will not yield as large a number of berries as some varieties, but when measured in quarts or bushels, will be above the average. The plant is faultless, a strong grower, often standing 20 to 22 inches high, rooting deeply and standing drought well. The large luxuriant foliage is sufficient to protect the blossoms from late frosts. **Price,** (*pot-grown plants*) 60c. per doz., $4.00 per 100.

A New Giant Strawberry, The "NICK OHMER."

Bi-sexual: Mid-season.

A new berry of Ohio origin and named after the Ex-President of the Ohio State Horticultural Society, and described thus by Mr. Crawford, the veteran strawberry authority: After watching the "Nick Ohmer" three years, and hearing how it has behaved wherever I sent it for trial, never having received one unfavorable report on it, I am confident that it is one of the most desirable, if not the very best ever sent out There is no other in the market or in sight, that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation.

The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among strawberries. It is never misshapen. Its only departure from the regular, roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor. **Price,** (*pot-grown plants that will bear a full crop of berries next season*), 75c. per doz, $5.00 per 100.

President McKinley.

(Bi-sexual: Mid-season.)

The number of new strawberries annually introduced is so great that we almost hesitate to add to the list, but this new variety has so many desirable qualities that we believe it deserves recognition and dissemination.

It has been thoroughly tested on our grounds the last two years, among the many kinds of new and old that we have growing; it has many points of superiority, being conspicuous for its size, shape, color and quality

In size it is unusually large; shape roundish, inclining to conical, but sometimes flattened or coxcombed: color crimson, flesh moderately firm, and quality extra good. The plant is vigorous healthy, and a great yielder; flowers bi-sexual or perfect.

We can confidently recommend it for the home garden and also for nearby market.

Price, (*pot-grown plants that will bear a full crop of berries next season*), 60c per doz. $4.00 per 100.

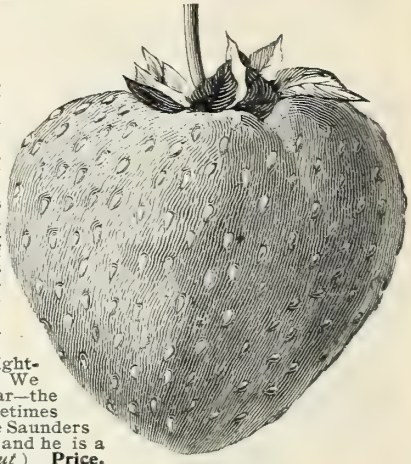
Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

SAUNDERS.

SAUNDERS.

(*Mid-season: Bi-sexual*)

A new Canadian berry of great value and promises to be a leading variety. The plant is large and vigorous, free from rust, and is as healthy and hardy as any ever sent out. It is enormously productive In this respect it excelled all others on our place last season, and was the wonder of all who saw it The fruit is **very large,** flattened, conical, and often has a depression on one or both sides. It is deep red and remarkably glossy. The flesh is of the same color, and has a sprightly, agreeable and spicy flavor. We have seen but one defect in it so far—the very largest specimens are sometimes misshapen. The originator thinks the Saunders the most valuable of all his seedlings, and he is a grower of great experience. (*See cut*) **Price,** (*Pot-grown plants*) 50c. per doz., $3.50 per 100.



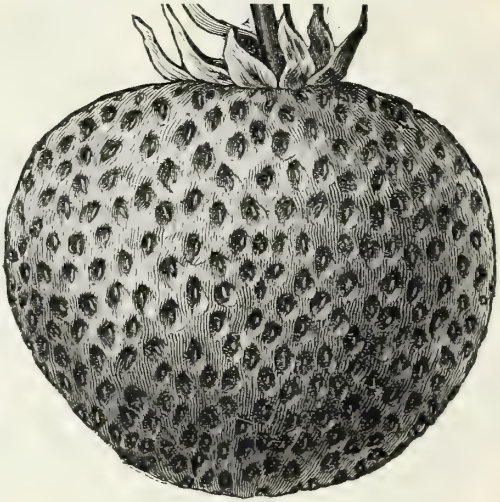
PARRY.

Princeton Chief.

(*Pistillate: Mid-season to late.*)

A tall luxuriant grower, free from rust or disease, very prolific.

The fruit is produced in great abundance on tall, stout stems, which stand up from six to eight inches the entire season, holding its load of berries from the ground so they do not get dirty or rotten and ripen all over at once, no green spots or white tips. It is beautiful in color, of a dark glossy red. The flavor is delicious and very sweet; being one of the sweetest of strawberries, it can be called the honey strawberry; while its fine aromatic flavor, resembling that of the wild strawberry, makes it one of the most delicious of berries. (*See cut.*) **Price,** (*pot-grown plants*), 60c. per doz.; $4.00 per 100.



PRINCETON CHIEF.

Parry.

(*Bi-sexual: Mid-season.*)

A seedling of the Jersey Queen, which it resembles, but is better. Fruit uniformly large, firm, beautiful in color and of excellent quality. Berries run large to the end of the season. A strong grower. **Price,** (*pot-grown plants*) 50c. per doz.; $3.50 per 100.

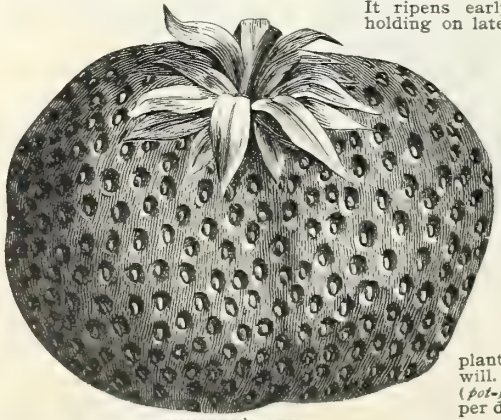
Sharpless.

(*Bi-sexual: Mid-season.*)

An old variety but still one of the most popular. Plant exceedingly vigorous and hardy enduring both heat and cold without injury, very productive. Fruit extra large, light crimson, firm and good quality. A profitable and reliable variety for either market or home. **Price,** (*pot-grown plants*), 50c. per doz.; $3.50 per 100.

Shuster's Gem. (*Pistillate: Early to Mid-season.*)

A magnificent variety. The berries are large to very large, of globular mould, remarkably regular and uniform in size and shape, of excellent quality, quite firm, and of the most vivid scarlet imaginable. It ripens early to mid-season, holding on late and maintaining a good size to the end. Its cardinal virtues are, however, strong robust plants, *great beauty, large size and wonderful productiveness;* for distant markets it is not firm enough, but it is a most profitable variety for near market, and unequalled for the home garden. No need to ask whether it prefers sandy or clay soil; it will grow just where planted if any variety will. (*See cut.*) **Price,** (*pot-grown plants*), 50c. per doz.; $3.50 per 100.



SHUSTER'S GEM.

SHARPLESS.

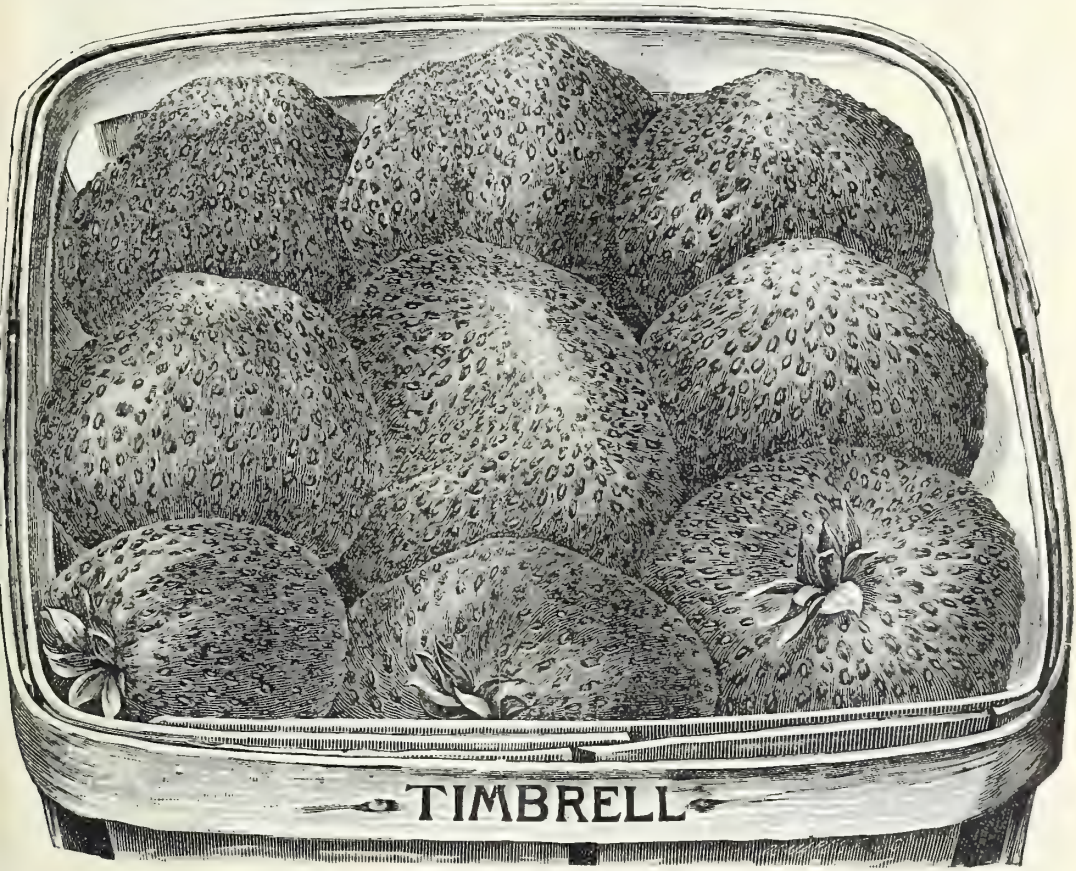
Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

TIMBRELL, The Queen of Strawberries.

(*Pistillate: Late.*)

The Timbrell is considered by many eminent authorities as the best strawberry in existence—it certainly is the best late pistillate, and seems perfection in every way—it is destined to become wonderfully popular when further disseminated, as reports from those who have grown it, enthusiastically praise it. The magnificent berries are borne in immense clusters, often 26 to 30 berries to a stem, and are of the largest size and delightful flavor, rich, juicy and sprightly; by some thought the finest quality of any strawberry in cultivation. In shape nearly round and generally very symmetrical, very solid and meaty; color, very dark crimson, a little patchy at first, but when fully ripe, a solid crimson; those who have the means of knowing say that it will endure more wet weather without injury and will keep longer before or after picking than most varieties; it is very late in blooming, and, in consequence, the flowers are not liable to injury from late frosts. The fruit also ripens very late. The plants are pictures of health and strength and vigor, and are so distinct that they can be picked out of a hundred varieties at a glance. "*On account of the Timbrell being a pistillate variety it should have some late flowering bi-sexual sort, such as Brandywine, Michigan or Gandy planted every third row to pollenize the blossoms.*"

Price, (*pot-grown plants that will bear a full crop of berries next season*), **60c.** per doz., **$4.00** per 100.



THE NEW... STRAWBERRY, "WM. BELT."

(*Bi-sexual: Mid-season.*)

The plant is one of the largest, a very luxuriant grower, and is healthy and hardy. It is very productive and the berries are very large indeed; we had it on exhibition last summer—12 berries to the quart. It has produced a good many 8-inch berries. The first berry on a stem is quite apt to be coxcombed, but those following are rather long, conical and quite uniform in shape and size. The color is bright glossy red, and it colors all over. It is as firm as ordinary berries, and of a better quality than is often found in large varieties. In productiveness, size, beauty and quality the Wm. Belt will scale higher than any other variety ever raised.

"*Berries large, conical, rather long, regular in outline; bright red, glossy; quality good; moderately firm. Plants vigorous, healthy and quite prolific. This is one of the most promising varieties ever tested at the station.—Ohio Experiment Station.*

Price, (*pot-grown plants*), **75c.** per doz., **$5.00** per 100.

NEW STRAWBERRY, "THE RIDGEWAY."

(*Bi-sexual: Mid-season.*)

Originated by M. H. Ridgeway, of Indiana, who describes it as follows:

"Plant large and stocky, possessing the ability to make a large number of strong, healthy plants. Large leaf, broad, heavy and dark green in color. Blossom perfect, a good pollenizer for pistillate varieties as it remains in bloom for a long time, an ideal plant.

"Berry large to very large, the typical form nearly round, largest specimens broadly ovate, but always smooth. Color, bright glossy crimson, with golden seeds. Firm for so large a berry, and will stand shipping to distant market except in a very wet time. Quality as good as the best, an almost ideal berry and one that will command fancy prices on any market."

E. S. Carmen, of the Rural New Yorker, says the Ridgeway seems to be one of the most promising varieties among the new strawberries.

Price, (*pot-grown plants*), 75c. per doz., **$5.00** per 100.

Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

HENDERSON'S

"FESTIVAL"

Lengthens the Strawberry Season ...to the... Maximum Limits.

COLLECTION OF Strawberries

WILL BEAR A FULL CROP OF BERRIES NEXT SEASON.

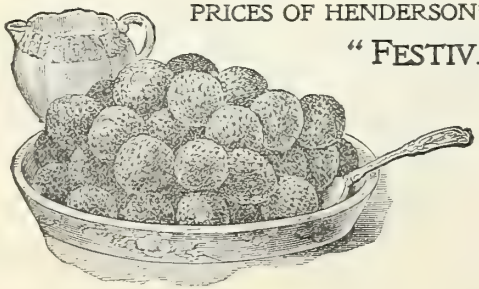
The "FESTIVAL" collection we considered THE BEST set of Strawberries that can be gotten together for the home garden; we have devoted much time and careful study to the selection of the varieties comprising the set, from our trial beds containing nearly 200 varieties.

They are bountifully fruiting strawberries, further enhanced by the careful selection of pistillate and bi-sexual pollenizers that bloom together in the early mid-season and the late classes, thereby ensuring the greatest possible yield of large, finely flavored and perfectly formed berries.

They are all SWEET, LUCIOUS STRAWBERRIES for home use, where they can be picked thoroughly ripe rich, melting and delicious, gratifying the daintiest palate and besides all are BEAUTIFUL AND PERFECTLY FORMED STRAWBERRIES, of the largest size obtainable in the various classes, all ATTRACTIVELY COLORED, RICH AND GLOSSY, with surface color permeating the flesh as well, rendering them "temptingly appetizing" and the ideal dessert fruit.

The "Festival" Collection is comprised of the following twelve unrivalled Strawberries:

EARLIEST.	MID-SEASON.	LATE.
Beder Wood, *Bi-Sexual,* See page 5	**Bubach,** . . . *Pistillate,* See page 5	**Gandy,** . . . . *Bi-Sexual,* See page 7
Haverland, *Pistillate,* " 7	**Brandywine,** *Bi-Sexual,* " 4	**Enormous,** . *Pistillate,* " 6
Michel's Early, *Bi-Sexual,* " 8	**Mary,** . . . . *Pistillate,* " 8	**Michigan,** . . *Bi-Sexual,* " 9
Schuster's Gem, *Pistillate,* " 10	**Marshall,** . . *Bi-Sexual* " 9	**Timbrell,** . . *Pistillate,* " 11



PRICES OF HENDERSON'S

"FESTIVAL" COLLECTION OF STRAWBERRIES.

Pot Grown Plants that will bear full crops next spring.

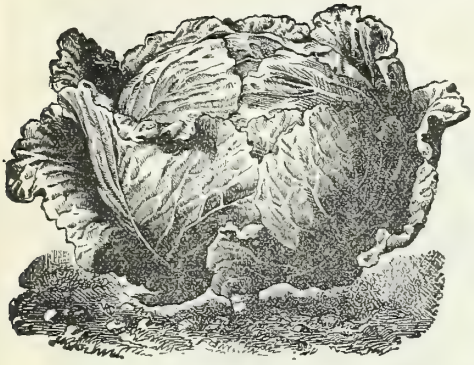
Collection	A—	24 plants,	2 each of the above 12 varieties,		$1.00
"	B—	36 "	3 " " " " "		1.50
"	C—	72 "	6 " " " " "		2.75
"	D—	144 "	12 " " " " "		5.00
"	E—	300 "	25 " " " " "		10.00
"	F—	600 "	50 " " " " "		18.00
"	G—	1200 "	100 " " " " "		35.00

To go by express, purchaser paying transit. If wanted by mail, add at the rate of 50c. per 100 to pay postage.

VEGETABLE PLANTS.

Ready from June 15th to August 1st. For SUMMER Planting.

Special prices given on application to buyers of 5,000 10,000 *or* 20,000 *lots*



CABBAGE.

CABBAGE PLANTS.

Henderson's Autumn King.

The Finest of all Winter Cabbages. It is the finest Late Cabbage in this country to-day, an entirely distinct variety, and the best keeper we have ever seen; it produces enormous solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and be relied upon to produce a greater weight of crop per acre than any other variety. A distinctive feature of the AUTUMN KING is the peculiarly crimped leaves, which not only adds to its appearance, but enable it to be distinguished anywhere. **Price of Plants,** $4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

Henderson's Succession.

By experts it is pronounced the most perfect type of cabbage grown; nearly every Cabbage heads up, of a uniformly perfect shape, large and heavy. Although largely grown for midsummer use it is most valuable as a fall or winter variety, as its firm, solid heads, make it an excellent keeper. **Price of Plants,** $4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

Henderson's Early Summer.

Ten days later than Wakefield, but double the size the *best large early* Cabbage.

Selected Late Flat Dutch

This valuable variety will be found one of the most satisfactory strains of Late Cabbage ever grown.

Fottler's Improved Brunswick

A second Early and Late variety.

Drumhead Savoy.

Of much finer flavor and quality than other Cabbages, grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

Red Dutch.

Used almost exclusively for pickling. It is one of the hardiest of all Cabbages.

Prices, (except specially mentioned) $3.50 per 1,000; 50c. per 100; or by mail, 65c. per 100.

CAULIFLOWER PLANTS.

Best Varieties For Fall Heading.

Henderson's Early Snowball.

Superior to all others for either market or family gardens. Nearly every plant will form a perfect snow-white head, averaging nine inches in diameter; its compact habit enables one-third more to be planted on the same space of ground than can be done with any other variety. **Price of Plants:** $7.50 per 1000; 85c. per 100; or by mail, $1 00 per 100.

Large Late Algiers.

It is now extensively grown for fall use; large fine heads. **Price of Plants:** $6.00 per 1,000; 75c. per 100; or by mail, 90c.

CAULIFLOWER.

KOHL RABI.

Miscellaneous Vegetable Plants.

Celeriac Plants.—(Turnip Rooted Celery.)

Large Smooth Prague. Price, $4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

Kohl-Rabi Plants

Early White Vienna. Price, $4.00 per 1,000; 50c. per 100; by mail, 65c. per 100.

Brussels Sprouts Plants

Dwarf Improved. Price, $4.00 per 1,000; 50c. per 100; by mail, 65c. per 100.

Kale or Borecole Plants.

Dwarf Green Curled Scotch. Price, $4.00 per 1,000, 50c. per 100; or by mail, 65c per 100.
Brown German Curled or Purple. Price, $4.00 per 1000; 50c. per 100; or by mail, 65c. per 100.

HENDERSON'S CELERY PLANTS.

PRICES OF CELERY PLANTS STANDARD VARIETIES.

Plants from Seed Beds ..... **$3.50** per 1000; **50c.** per 100; or by mail, **60c.** per 100.
Transplanted Plants ..... **$6.00** per 1000; **75c.** per 100; or by mail, **90c.** per 100.

PRICES OF PLANTS OF HENDERSON'S NEW VARIETIES CELERY, GOLDEN ROSE AND PINK PLUME.

Plants from Seed Beds ..... **$6.00** per 1000; **75c.** per 100; or by mail, **85c.** per 100.
Transplanted Plants ..... **$8.00** per 1000; **$1.00** per 100; or by mail, **$1.15** per 100.

(500 plants of any one kind supplied at the 1000 rates.)

We supply CELERY PLANTS between June 15th and August 25th.

We guarantee arrival of Celery Plants in good condition where the journey does not exceed three days.

We draw special attention to our Transplanted Celery Plants.

The result of transplanting is seen in the dense mass of fibrous roots that these plants possess, and on this account with ordinary care their are much easier to transplant and are more certain to do well

We are unquestionably the largest raisers of celery plants in the world, and our methods are such that we invariably have the plants in the finest possible condition.

Henderson's Collections of Celery Plants

Packed free of charge and arrival in good condition guaranteed for a journey of not over three days; buyer pays carriage.

Collection A.—550 plants, 50 each of the eleven varieties offered on opposite page for **$2.75.**
Transplanted Plants $3 50.

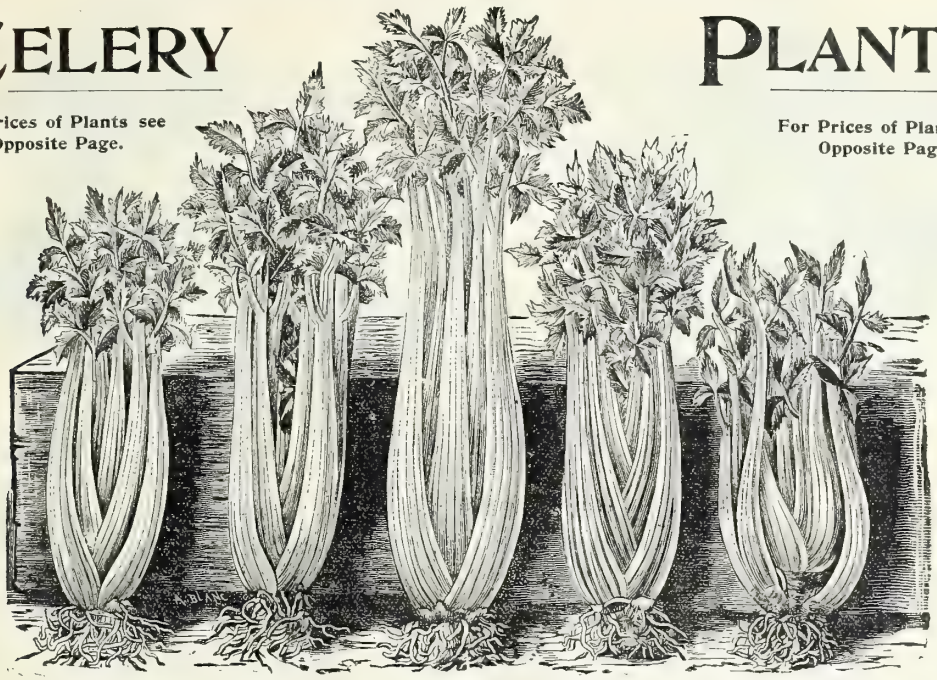
Collection B.—1100 plants, 100 each of the eleven varieties offered on opposite page for $5.00.
Transplanted Plants $6.50.

We include *free of charge* with either of the above collections,
Peter Henderson's "Essay on the Growing and Preservation of Celery for Winter.

CELERY PLANTS.

For Prices of Plants see Opposite Page.

For Prices of Plants see Opposite Page.



WHITE PLUME. GIANT PASCAL. GIANT WHITE SOLID. GOLDEN SELF-BLANCHING. BOSTON MARKET.

Henderson's Perfected White Plume.

A Self Blanching Celery.

People who never grew celery before have no trouble in growing and blanching Henderson's White Plume Celery ready for the table, for no "banking up" is necessary. The stalks, portions of inner leaves and heart are white, naturally, so that by simply tieing the plant together, or by drawing the soil against it, pressing it with the hands and then repeating the operation to hold the soil already placed against the plant in position, the work of blanching is completed. Henderson's White Plume Celery is crisp, succulent and has a delicious, nutty flavor. (*See opposite page for price of plants.*)

Henderson's Golden Dwarf.

In size of habit and growth it is much the same as the above, except that when blanched, the heart, which is large and full, is of a waxy golden yellow, rendering it a most striking and showy variety for either market or private use. It is solid, of excellent flavor and one of the best winter keepers. (*See opposite page for price of plants.*)

Boston Market.

A great favorite around Boston. The leaves are dark green, the stalks when blanched nearly white. It is an excellent variety, solid, crisp and tender. (*See opposite page for price of plants.*

Golden Self-Blanching.

A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high "banking up" as the ordinary sorts to be fitted for the table. It simply needs a slight earthing up or "handling." It is of a beautiful waxy golden color, very solid and of rich nutty flavor. (*See opposite page for price of plants.*)

Henderson's Half Dwarf.

Blanches of a yellow white, it is entirely solid, possessing a rich, nutty flavor, while it has much vigor of growth, surpassing most of the large growing sorts in weight of bunch. (*See opposite page for price of plants.*)

Giant Pascal.

A selection from Golden Self-Blanching Celery; it partakes of the best qualities of that variety, but is larger and a better keeper. It is of a fine nutty flavor, grows about two feet high; the stalks are very broad, thick and crisp, and entirely stringless, the width and thickness of the stalks are distinctive features. It bleaches with but slight "earthing up" and very quickly, usually in five or six days. Valuable for both early and mid-winter. (*See opposite page for price of plants.*)

Giant White Solid.

The best of the larger growing sorts attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows, or it cannot be worked properly. This variety is most suitable for southern sections of the country, as it grows freely in a hot or dry atmosphere. (*See opposite page for price of plants.*)

Henderson's New Rose Celery.

Has that nutty flavor so desirable in celery, very ornamental on the table, the delicate tracing of carmine blending with the white in the blanched stalks. (*See opposite page price of plants.*)

London Red.

Of medium growth, of stiff, close habit, large heart, remarkably solid and crisp, and of fine, walnut-like flavor. (*See opposite page for price of plants.*)

HENDERSON'S NEW VARIETIES OF CELERY.

Golden Rose Celery.

A development of "Golden Self-Blanching" having the same strong stocky growth with broad solid and brittle stalks, free from ridges and stringiness. It blanches naturally, is very early, hardy and a perfect keeper; the flavor is exquisite, while the beautiful coloring renders it unusually attractive, the golden colored stalks are suffused with a rosy hue fading towards the top, which are surmounted with yellowish plume like foilage. (*See opposite page for price of plants.*)

Pink Plume Celery.

At intermediate between white and red celeries, combining the good qualities of both. It is practically identical with our "White Plume" but with the added merit of the **solid succulent stalks of ivory white** being **exquisitely suffused with pink and possessing the crispness, rich nutty flavor, and long keeping qualities** for which red celeries are noted. In addition to its choice "red celery flavor;" it is of remarkable attractive. (*See opposite page for price of plants.*)

500 plants of any one kind supplied at 1,000 rates.

A List of VEGETABLE SEEDS.

PARTICULARLY ADAPTED FOR SUMMER AND FALL SOWING.

You can have FRESH VEGETABLES UNTIL FROST by successive sowings.

WE DELIVER FREE to any Post Office or R. R. Express Office in the U. S., at prices in this Catalogue, ALL VEGETABLE SEEDS offered on pages 16 to 19, except where noted.

BEANS, DWARF GREEN PODDED.

If beans are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu.
China, Early	10	15	25	1 25	4 00
Dwarf Case Knife	10	20	30	1 50	5 00
Dwarf Horticultural					
Longfellow					
Long Yellow Six Weeks			25	1 25	4 50
Mohawk, Early	10	15	25	1 25	4 75
Refugee, Extra Early					
" or 1,000 to one	10	15	25	1 40	5 50
Valentine, Henderson's Earliest Red					
" Early Red					
" White					
Warwick, Early					

BEANS, DWARF WAX OR YELLOW PODDED.

If beans are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu.
Black Wax or Butter	10	15	25	1 25	4 25
Cylinder Black Wax	10	20	30	1 30	4 50
Flageolet Wax	10	20	30	1 50	5 00
Golden Eyed Wax	10	20	30	1 50	5 50
Golden Wax	10	15	25	1 20	4 00
" " Improved	10	20	30	1 25	4 50
Refugee Wax	10	20	30	1 25	4 50
Wardwell's Kidney Wax	10	20	30	1 75	6 50

BEET.

	pkt.	oz.	¼ lb.	lb.
Arlington Improved	10	15	25	60
Bassano, Early Flat	5	10	20	45
Blood Turnip, Early	5	10	20	45
Dewing's Improved	5	10	20	55
Eclipse	5	10	20	55
Edmand's	5	10	20	55
Egyptian	5	10	20	55
Electric	10	15	30	75
Henderson's Half Long	10	15	30	75
Long Smooth Blood	5	10	20	45

BEET, MANGEL WURZEL.—(*See page 20.*)

CABBAGE.

	pkt.	oz.	¼ lb.	lb.
Early Spring, (Henderson's)	15	60	2 00	6 00
Early Jersey Wakefield, (Henderson's)	5	25	80	2 75
Charleston Wakefield, (Henderson's	10	35	1 00	3 50
Early Summer, (Henderson's)	5	25	80	2 75
Fottler's Improved Brunswick	5	20	60	2 00
Succession, (Henderson's)	10	35	1 00	3 50
Autumn King, (Henderson's)	10	35	1 00	3 30
Premium Flat Dutch	5	20	60	1 75
Selected Late Flat Dutch	10	25	75	2 50
Mammoth Rock Red	10	30	1 00	3 00
American Drumhead Savoy	10	25	75	2 25

CAULIFLOWER.

	pkt.	oz.	¼ lb.	lb.
Algiers, Large Late	10	80	2 75	
Extra Early Dwarf Erfurt	15	3 00	10 00	
Henderson's Early Snowball	25	4 00	14 00	

CORN SALAD.

	pkt.	oz.	¼ lb.	lb.
Large Leaved	5	10	25	75

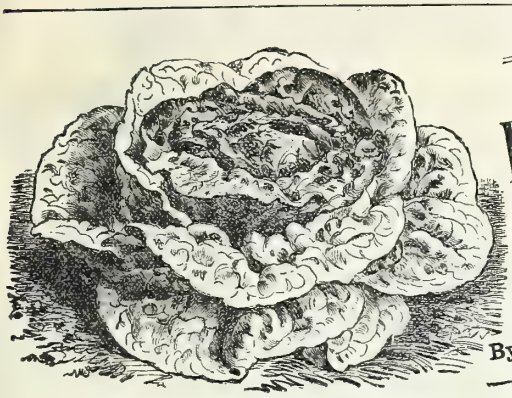
CORN, SWEET.

If Corn is desired by mail, add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu.
Cory Early (Red Cob)	10	15	25	1 10	3 75
" " (White Cob)					
Crosby's Early	10	15	25	1 10	3 75
Moore's Early Concord	10	15	25	1 00	3 50
Old Colony	10	15	25	1 10	3 50
Roslyn Hybrid	10	15	25	1 10	3 50
Shaker's Early	10	15	25	1 10	3 75
Squantum	10	15	25	1 10	3 50
Country Gentleman	15	25	40	1 25	4 00
Stowell's Evergreen	10	15	25	1 10	3 75
The Henderson	10	15	30	1 10	3 75

CUCUMBER.

	pkt.	oz.	¼ lb.	lb.
Boston Pickling	5	10	20	55
Cool and Crisp	10	15	35	1 00
Early Cluster	5	10	20	55
Early Russian	5	10	20	55
Everbearing	5	10	20	60
Evergreen, Livingston's	5	10	20	55
Extra Early Green Prolific	5	10	20	60

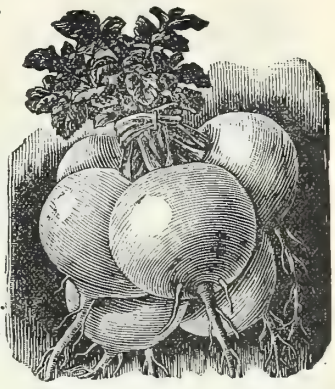


YOU CAN HAVE

Fresh ... Vegetables

UNTIL FROST

By Successive Sowings.



CUCUMBER.—(*Continued.*)

	pkt.	oz.	¼ lb.	lb.
Green Prolific	5	10	20	55
Japanese Climbing	10	15	40	1 25
Jersey Pickling	5	10	20	55
Long Green	5	10	20	55
Nichol's Medium Green	5	10	20	55
Short Green	5	10	20	55
West India Gherkin	10	15	35	1 00
White Spine, Improved Early	5	10	20	55
" " Extra Long	5	10	20	60

ENDIVE.

Broad Leaved Batavian	5	20	60	2 00
Green Curled	5	20	60	2 00
Moss Curled	5	20	60	2 00
White Curled	5	20	60	2 00

KALE.

Brown German Curled	5	15	35	1 00
Dwarf Green Curled Scotch	5	15	30	80
Siberian	5	10	20	60

LETTUCE.

All the Year Round	5	15	40	1 25
Big Boston	10	25	75	2 00
Black Seeded Butter	5	15	40	1 25
Boston Market	5	15	40	1 25
Perfected Salamander	10	20	60	2 00
Golden Queen	10	25	75	2 50
Hanson	5	15	40	1 25
Henderson's New York	10	25	65	2 00
Large White Summer	5	15	40	1 25
Mignonette	10	25	75	2 50
Yellow Seeded Butter	5	15	40	1 25
Simpson, Early Curled	5	15	35	1 10
Simpson, Black Seeded	5	15	40	1 25
Trianon Cos	10	25	60	1 75

MUSHROOM SPAWN.

English, 15c lb.; 8 lbs. for $1.00. By mail, 25c. lb.
French, 2 lb. box, 75c.; by mail, 95c.

ONION, ITALIAN AND SPANISH VARIETIES.

	pkt.	oz.	¼ lb.	lb.
Adriatic Barletta	10	25	70	2 25
Giant Rocca	5	20	50	1 50
Giant White Garganus (Silver King)	10	25	70	2 00
Mammoth Pompeii (Red Garganus)	10	20	60	1 75
Neapolitan Marzajola	5	25	70	2 00
Queen	5	25	70	2 00
Prizetaker	10	25	75	2 40
Tripoli Large White Italian	5	20	60	1 75
Tripoli Large Red Italian	5	20	50	1 50
White Bunch				

ONION, BERMUDA VARIETIES.

Pale Red Bermuda	10	30	1 00	3 50
White Bermuda	10	30	1 00	3 50

PARSLEY.

	pkt.	oz.	¼ lb.	lb.
Champion Moss Curled	5	10	30	90
Extra Double Curled	5	10	25	80
Fern Leaved	5	10	30	1 00
Henderson's Emerald	10	15	20	1 00

PEAS, EARLY.

If Peas are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt	pt.	qt.	pk.	bu.
Admiral	10	15	25	1 00	3 50
Alaska	10	15	25	1 00	3 25
American Wonder	10	20	30	1 25	4 25
Blue Beauty	10	15	25	1 00	3 50
Chelsea	10	20	30	1 50	5 00
Daniel O'Rourke	10	15	25	1 00	3 25
Henderson's First of All	10	20	30	1 00	3 50
Premium Gem	10	15	25	1 25	4 00

RADISH, EARLY ROUND VARIETIES.

	pkt.	oz.	¼ lb.	lb.
Early Scarlet Turnip	5	10	20	50
" " " White Tipped	5	10	20	55
Early Rose Turnip	10	15	35	1 00
Early Round Dark Red	5	10	20	60
Early Scarlet Globe	5	10	25	75
Red Forcing	5	10	25	70
Rapid Forcing	5	10	25	75
Yellow Summer Turnip	5	10	20	55

RADISH, EARLY OLIVE SHAPED.

French Breakfast	5	10	20	60
Olive Shaped Scarlet	5	10	20	60
Olive Shaped Yellow	5	10	25	75

RADISH, LONG VARIETIES.

Brightest Scarlet	5	10	20	60
Chartier (Beckert's)	5	10	20	60
Chartier (White)	10	15	35	1 00
Long Scarlet Short Top	5	10	20	55
Long White Vienna (Lady Finger)	5	10	20	55
White Strasburg	5	10	25	60
Wood's Early Frame	5	10	20	60

RADISH, WINTER VARIETIES.

California Mammoth White	5	10	25	75
Long Black Spanish	5	10	20	60
Rose China, Winter	5	10	25	70
Sandwich	10	15	40	1 25

SPINACH.

Large Round Viroflay	5	10	15	35
Long Standing	5	10	15	35
Round Leaved	5	10	15	35
Savoy Leaved Norfolk	5	10	15	35
Thick Leaved	5	10	15	40
Victoria	5	10	15	40

TURNIPS AND RUTA BAGAS. (*See pages 18 and 19.*)

WE DELIVER FREE to any Post Office or R. R. Express Office in the U. S., at prices in this Catalogue, ALL VEGETABLE SEEDS offered on pages 16 to 19, except where noted.

SCARLET KASHMYR.

TURNIPS.

This is the Time to Sow Them.

We Deliver Free To any Post-Office or R. R. Express Office in the U. S. at prices in this Catalogue all VEGETABLE SEEDS, offered on pages 16 to 19, except where noted.

SCARLET KASHMYR TURNIP.

The earliest of the first early turnips; most distinct in appearance, small, rarely exceeding 3 inches in diameter, shape shown in cut. The leaves are few, small, entire or strap-leaved and quite smooth. The smallness of the leaves and tap root is evidence of its good selection. The outer color rich crimson; the interior pure sparkling white. The flesh is crisp, tender, very fine-grained, and exceedingly solid. (*See cut*). **PRICE, 10c. pkt., 15c. oz., 35c. ¼ lb., $1.00 lb.**

RED-TOP STRAP LEAF.

RED-TOP STRAP LEAF.—Rapid grower and of mild flavor, the most popular variety for early use. (*See cut*) 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

EARLY PURPLE-TOP MILAN.—5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

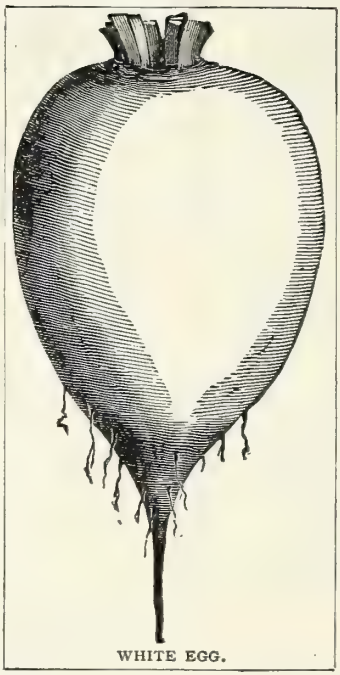
Early White Strap Leaf. Differs from the red only in color being all white. 5c. pkt., 10c. oz, 20c. ¼ lb., 50c. lb.

Early Snowball.—A medium-sized, round pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

LONG WHITE or COW HORN.—Matures very quickly; roots shaped like a carrot about half of which are formed above ground, flesh white, fine-grained and sweet, and of excellent quality for table use. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

PURPLE-TOP WHITE GLOBE.—An early variety, globe-shaped; heavy cropper; in other respects similar to the Red Top Strap Leaf. A handsome looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

Early Flat Dutch.—An excellent garden variety resembling White Strap Leaf, the best variety for spring sowing. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.



WHITE EGG.

WHITE EGG.—Its shape is nearly oval or egg; flesh very firm and fine-grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet. (*See cut.*) 5c. pkt, 10c. oz., 20c. ¼ lb., 50c. lb.

GOLDEN BALL or ORANGE JELLY.—This is the most distinct yellow turnip we know. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of a medium size, with small tap root and is early in maturing. (*See cut.*) 5c. pkt., 10c oz., 20c. ¼ lb., 60c. lb.

YELLOW STONE.—One of the best and most popular yellow fleshed varieties for table use; it is equally good for feeding stock. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

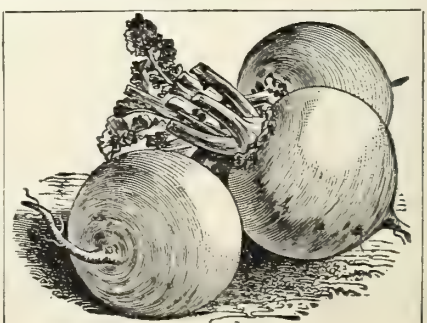
YELLOW GLOBE.—One of the best varieties for general crop; flesh very firm and sweet, and keeps well until late in spring; grows to a large size, and is excellent both for stock and table use. 5c. pkt., 10c. oz, 20c. ¼ lb., 55c. lb.

Purple-Top Yellow Aberdeen.—Very hardy and productive, good keeper, globe-shaped and fine quality. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

EARLY WHITE MILAN TURNIP.

An extra early Turnip, fit for use at least a week earlier than any other white variety in cultivation: the shape is shown in cut. The entire bulb, inside and out, is clear ivory-white and perfectly smooth. It grows so quickly that even the outer surface of the bulb is quite tender. Its table qualities are unequaled, being of the most delicious flavor. It will undoubtedly find a welcome in our markets, as in addition to the heavy crop assured by its adaptability for close planting, it meets all the requirements of those desiring the earliest possible growth. 10c. pkt., 15c. oz., 35c. ¼ lb., $1.00 lb.

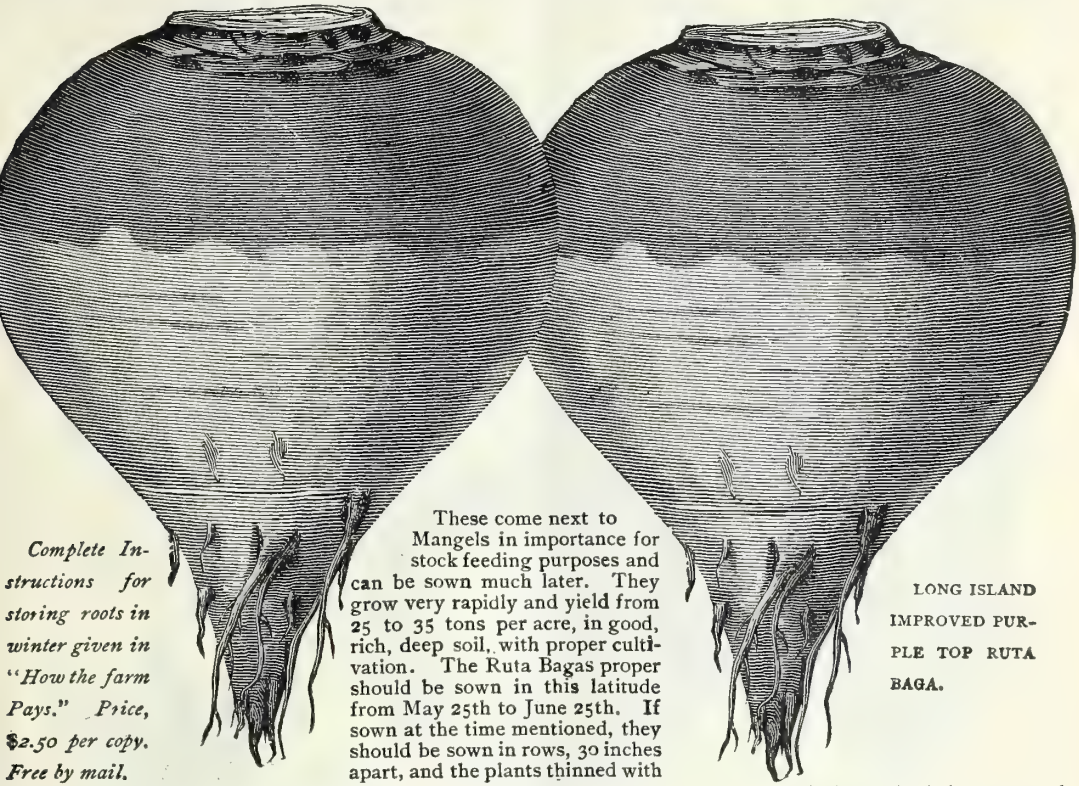
EXTRA EARLY WHITE MILAN.



GOLDEN BALL.

SUMMER IS THE TIME TO SOW

Ruta Bagas, Russian or Swedish Turnips.



LONG ISLAND IMPROVED PURPLE TOP RUTA BAGA.

Complete Instructions for storing roots in winter given in "How the farm Pays." Price, $2.50 per copy. Free by mail.

These come next to Mangels in importance for stock feeding purposes and can be sown much later. They grow very rapidly and yield from 25 to 35 tons per acre, in good, rich, deep soil, with proper cultivation. The Ruta Bagas proper should be sown in this latitude from May 25th to June 25th. If sown at the time mentioned, they should be sown in rows, 30 inches apart, and the plants thinned with a hoe to 12 or 14 inches apart; but if sown a month later they can be grown one-third closer, both in rows and between the plants. Sow 2 to 3 lbs. per acre.

Long Island Improved Purple Top Ruta Baga.

This is undoubtedly the finest variety of purple-top Ruta Baga, and is purely of American origin, having been originated by one of our Long Island growers. It is twice the size of ordinary American stocks, and although size is usually got at the expense of quality, the quality of this variety for domestic purposes is superior to any we have tested. It first came under our notice as a prize winner, and we feel certain that from its enormous size, solidity and good quality, it will prove to be a champion variety for exhibition purposes. In a fair test on several Long Island farms, alongside some of the best European and American varieties, it produced almost twice the weight per acre of any other variety. (*See cut.*) **5 cts pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 65 cts. lb.**

IMPROVED AMERICAN.

(Purple-Top.) An old leading variety very hardy and productive; flesh yellow, solid, sweet and fine-flavored; equally good for stock or table use; one of the principal varieties raised by market gardeners, and was one of the best of all Swede turnips, until we introduced the "Long Island Improved" offered above. 5 cts. per pkt.; 10 cts. per oz.; 20 cts. per ¼ lb.; 55 cts. per lb.

SKIRVING'S PURPLE-TOP.

A first-rate variety for stock or table; grows to a large size; flesh firm, solid and sweet, and a good keeper. 5 cts. pkt.; 10 cts. oz; 20 cts. ¼ lb.; 60 cts. lb.

LAING'S IMPROVED

One of the earliest of the Ruta Bagas; forms a handsome bulb of good quality; keeps well; good for stock or table use. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

LARGE WHITE FRENCH.

A superior variety for table or stock, flesh firm, white and solid; attains a large size, and has a very rich and sweet flavor; a very popular variety. 5 cts. pkt.; 10 cts oz.; 20 cts ¼ lb; 60 cts. lb.

HENDERSON'S COLOSSAL LONG RED MANGEL.

SUMMER IS THE TIME TO SOW

MANGELS.

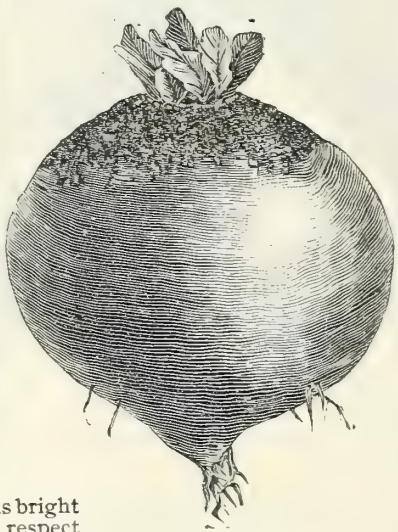
THE best soil for Mangels is loose, friable loam and deep plowing. If expedient, follow the plow with a subsoil plow, and the crop will more than repay the extra trouble. The ground should be well enriched, and the seed sown in drills 24 inches apart in light soils, and 30 inches apart in strong rich land. Thin out the plants with a hoe to 9 inches apart in the former, and 12 inches apart in the latter. 6 to 8 pounds of seed are used per acre if sown with a drill, or double that quantity if sown by hand. Cultivate with a horse hoe.

Henderson's Colossal Long Red. The roots are smooth and regular, of the largest size and blood red color. The quality is exceedingly nutritious, and in all respects this variety is most distinct and valuable. (*See cut.*) 15c. per ¼ lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

I raised over 100 tons of your Colossal Long Red Mangel on two acres. In many cases three weighed over 100 lbs., the best crop I ever saw on an average, either in this country or in England, and I have farmed in both countries.—JOHN HODGSON, Crystal Lake Farm, Paterson, N. J.

Those Colossal Red Mangels of yours are fine, and give more feed to the acre than anything else I know of. They make a grand winter feed for all kinds of stock.—JOHN W. NOBLE, Greenoble Stock Farm, Metuchen, N. J.

We have always grown your Colossal Long Red Mangel, and we simply cannot run a winter dairy without them. Silo or no silo, the Beets make the milk.—H. BEWLAY, Lexington, Ky.



HENDERSON'S CHAMPION YELLOW GLOBE MANGEL.

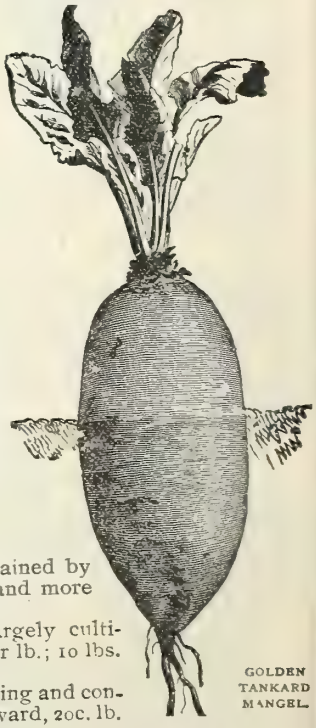
Henderson's Giant Intermediate. This is a variety between the Golden Tankard and Yellow Globe. It is larger than the Tankard, not such a rich golden color, but a heavier cropper. 15c. per ¼ lb; 32c. per lb; 10 lbs. and upwards 28c. per. lb.

Long Yellow. Differs from the Long Red only in color. 15c. per ¼ lb; 32c. per lb; 10 lbs. and upwards, 28c. per. lb.

MANGELS.—Continued.

Golden Tankard. The flesh is bright golden yellow, and in this respect differs from most other varieties which cut white. The Golden Tankard is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on account of its nutritious and milk producing qualities. Sheep have a preference for this sort over other Mangels; it is said that they will pick out every piece of Golden Tankard before touching others. It yields under the best cultivation 50 tons per acre. (*See cut.*) 15c. per ¼ lb.; 30c. per lb; 10 lbs. and upward, 25c. per lb.

Henderson's Champion Yellow Globe. Smooth, globe shaped roots of large size and excellent quality, are the distinctive features of this variety. (*See cut.*) 15c. per ¼ lb.; 30c. per lb.; 10 lbs. and upward, 25c. per lb.



GOLDEN TANKARD MANGEL.

SUGAR BEETS.

Lane's Imperial. An improved variety of French Sugar Beets obtained by careful selection in this country, and recommended as being hardier and more productive. 10c. per ¼ lb.; 20c. per lb.; 10 lbs. and upward, 15c. per lb.

White. Attains a large size and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. 10c. per ¼ lb.; 20c. per lb.; 10 lbs. and upward, 15c. per lb.

Vilmorin's Improved White. A greatly improved variety of the preceding and containing a greater percentage of sugar. 10c. per ¼ lb.; 25c. lb.; 10 lbs and upward, 20c. lb.

If Mangels and Sugar Beets are desired by mail, add 8c. per pound for postage.

MILLET, BUCKWHEAT AND CLOVER.

FOR SUMMER SOWING.

JAPANESE BUCKWHEAT.

Introduced into cultivation by us in 1887, and by constant selection we have fully maintained the large grain, totally unlike the small grain usually found on the market.

This variety has superseded all others and is now almost universally grown in preference to the common black and Silver Hull varieties. The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct. The color is also most distinct, being a rich dark shade of brown. The straw is heavier, it branches more, and does not need to be sown as thickly as the other kinds. Flour made from it is greater in quantity and equal in quality if not superior to that of any other Buckwheat, and, as the yield shows, it is enormously prolific. It ripens a week earlier than the Silver Hull, and yields two or three times as much. (*See cut.*) $1.30 per bushel. 10 bushel lots $1.20 per bushel.

JAPANESE BUCKWHEAT.

MILLET.

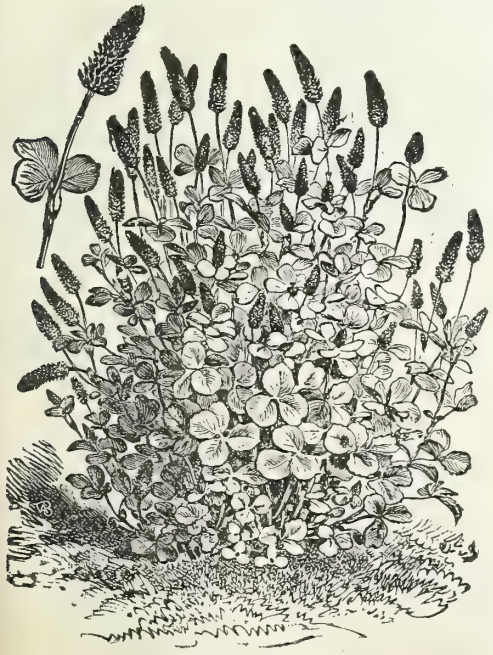
(*Prices subject to variation.*)

Millets withstand droughts remarkably, generally remaining green when other vegetation is parched up, and being annuals of rapid growth, are valuable as "stolen" crops, as they can be sown and put into condition for hay in six weeks' time, and can be sown after early crops have been taken off, and should be cut green. Sown broadcast half to one bushel per acre, from May 1st to August 1st.

JAPANESE.—A tall growing variety from which two crops can be obtained if the first is cut when coming into blossom. After being cut it stools out and grows rapidly, the second crop frequently being even heavier than the first. Sow in drills, 8 to 10 lbs. per acre. Broadcast 12 to 15 lbs. per acre. Price, 10 cts. lb.; 10 lbs. 80 cts.; 100 lbs. $7.00.

GERMAN OR GOLDEN.—Larger, but takes longer to mature than Hungarian, and should be sown in latitude of New York not later than middle of July. The seed we offer is specially grown for seed purposes and will yield much larger crops than the seeds usually sold. Price, $1.50 bushel of 50 lbs; 10 bushel lots, $1.40 per bushel.

HUNGARIAN.—Smaller but earlier than any of the other Millets, producing an excellent quality of hay. It is of such rapid growth that it may be sown in this latitude up to August 1st. Price, $1.40 per bush. of 48 lbs.; 10 bush. lots, $1.30 per bush.


CRIMSON CLOVER.

CRIMSON OR SCARLET CLOVER.

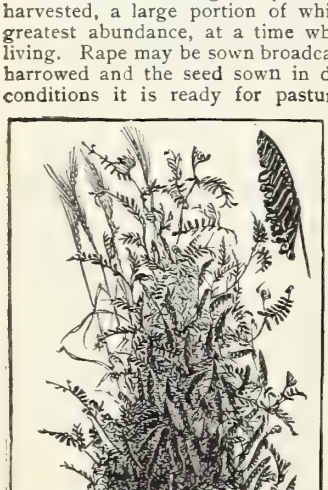
The value of Scarlet Clover is now so thoroughly established that we have no hesitation in recommending that all lands from which crops have been harvested during the summer and fall should be sown with Scarlet Clover for plowing under the following Spring. Authorities who have made a careful estimate state that plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor.

It may be sown among corn, tomatoes, turnips, etc., at time of last hoeing, or after potatoes, melons, cucumbers have been harvested or on grain stubble and harrowed in. When sown in July and early in August, it has proved hardy as far north as Michigan and Canada. In the latitude of New York time of sowing may extend from July 15th to September 1st, and further south even later. Sow 15 lbs. per acre. Choice recleaned new crop seed, 10c. lb.; $4.80 bushel; $8.00 100 lbs.

English Rape.

TRUE DWARF ESSEX.

In the United States we have millions of acres of good land that annually lie idle or run to weeds the latter part of the season, after the grain, potato and hay crops have been harvested, a large portion of which might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle and sheep are roaming through bare pastures in search of a scanty living. Rape may be sown broadcast at the rate of 6 lbs. per acre and harrowed in, or the land may be thoroughly harrowed and the seed sown in drills, 18 to 24 in. apart, at the rate of 2 to 3 lbs. per acre. Under favorable conditions it is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve or fifteen sheep six weeks to two months. There are several varieties of **Rape**, but care should be taken to procure the **Dwarf Essex**, which does not seed the same season as sown unless checked in its growth. In the Northern States it should be sown from May to August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of New York, July or August is the best time to sow. Its fattening properties are probably twice as good as those of clover, and for sheep the feeding value of **Rape** excels all other plants we know of, fattening and putting them in excellent condition for marketing without the addition of grain or other purchased feeds. At the Michigan Agricultural Experiment Station, 128 lambs were pastured for eight weeks on 15 acres of Rape sown in July and showed a gain of 2,890 lbs., or at the rate of 3 lbs. per lamb each week. To secure the best results, the Rape should be sown in drills. Sow 6 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills. 10c. lb., $3.00 100 lbs.



WINTER OR SAND VETCH.

SAND OR WINTER VETCH. (Vicia Villosa.)

Is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in spring with Oats or Barley.

It grows to a height of 4 to 5 feet and is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Being much hardier than Scarlet Clover, this is the forage plant to sow in the Northern States where Scarlet Clover winter-kills, though it is equally valuable in the South.

It is exceedingly nutritious, much more so than Clover, is eaten with relish, and may be fed with safety to all kinds of stock.

Sow one bushel per acre with one-half bushel of Rye or Wheat. (*See cut.*) 10c. lb., $1.25 peck, $4.00 bushel of 60 lbs., 100 lbs. $6.00. If by mail, add 8c. per lb.

The HENDERSON HAND GARDEN PLOW, FURROWER, HILLER and SCUFFLE HOE.

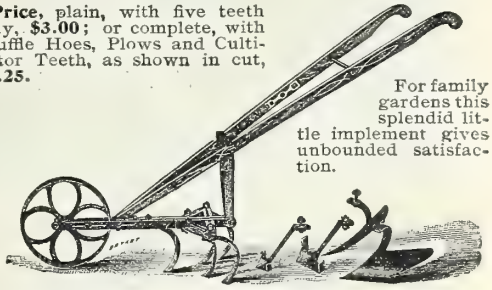
Price, complete, as shown in the cut, $2.75

This is one of the handiest garden tools ever used, very light (weighs only 20 lbs.) but strongly made and finely finished; adjustable frame. It is equipped with a plow, suitable for opening and covering furrows, hilling celery, potatoes, etc. The Scuffle Hoe cuts off weeds below the surface and loosens the surface of the soil; it is also fine for cleaning walks; the seed furrow opening tooth is also very useful for its purpose. The rake attachment will level and fine the soil in preparing seed beds, and is a useful attachment for killing small weeds and surface cultivation generally.

The "GEM OF THE GARDEN"

SINGLE WHEEL HOE AND CULTIVATOR.

Price, plain, with five teeth only, **$3.00**; or complete, with Scuffle Hoes, Plows and Cultivator Teeth, as shown in cut, **$4.25.**



For family gardens this splendid little implement gives unbounded satisfaction.

Made of *steel* and *malleable iron.* The set of five slender cultivating teeth, each stamped from one piece of steel, cannot be excelled for thorough work in loosening and pulverizing, especially in hard soil. The scuffle hoes cut off weeds, clean walks, etc., while the two plows hill up potatoes, furrow out, etc.

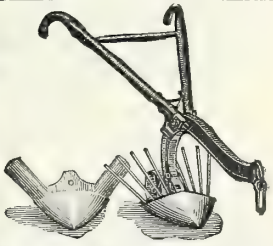
"Regulation" Garden Wheelbarrow.

A superior barrow, handsomely painted and striped; iron leg braces bolted on.

Number.	Size.	Price.
No. 2.	Boy's	**$3.00**
No. 4.	Medium.	**3.50**
No. 5.	Large.	**4.00**

"HARROW-CULTIVATOR."

A splendid tool for cultivating garden and field crops in rows. The numerous diamond-shaped steel teeth thoroughly pulverize and loosen the soil without throwing earth on the plants. The frame expands or contracts by operating the lever between the handles. The back hoe sweep cuts off weeds. **Price,** plain, $4.50; with wheel, $5.00; Sweep extra, 75c.



Steel Wing Shovel Plow & Potato Digger.

Wings can be placed at any angle, to throw more or less dirt in cultivating or furrowing. Price, $7.00, or with potato-digging attachment, $10.50.

Planet, Jr. Celery Hiller.

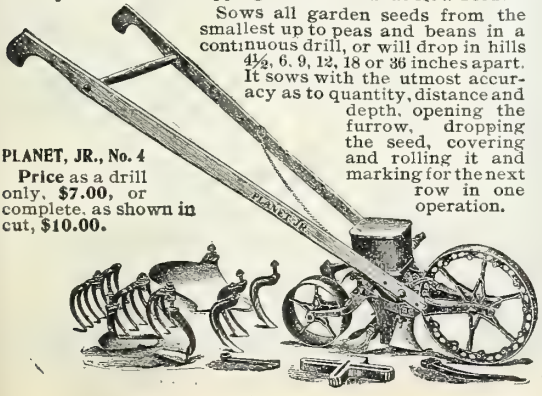
Indispensable for large celery growers. Has lever wheel for regulating depth; lever expander to regulate quantity of earth thrown; leaf lifter to save previous "handling." The "Single" Hiller throws rather higher and works in narrower rows, but only does one side of a row. Double row hiller, $11.00; Single, $9.00.

PLANET, JR., No. 4.
Family Garden Hill Dropping and Continuous Row Seeder.

Sows all garden seeds from the smallest up to peas and beans in a continuous drill, or will drop in hills 4½, 6, 9, 12, 18 or 36 inches apart. It sows with the utmost accuracy as to quantity, distance and depth, opening the furrow, dropping the seed, covering and rolling it and marking for the next row in one operation.

PLANET, JR., No. 4

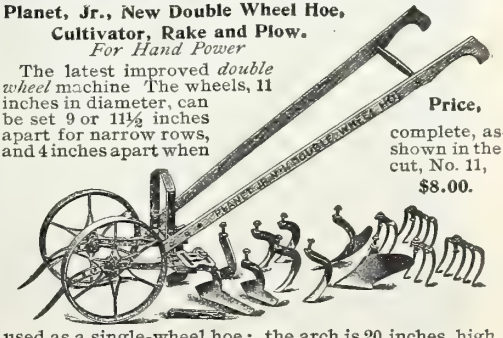
Price as a drill only, **$7.00,** or complete, as shown in cut, **$10.00.**



Planet, Jr., New Double Wheel Hoe, Cultivator, Rake and Plow.
For Hand Power

The latest improved *double wheel* machine The wheels, 11 inches in diameter, can be set 9 or 11½ inches apart for narrow rows, and 4 inches apart when used as a single-wheel hoe; the arch is 20 inches high, allowing it to straddle crops when well grown. The outfit of tools comprises the greatest variety and all of the latest designs, covering every possible need. **Prices:** No. 11, complete, as shown in cut, $8.00; No. 12, less rakes and 1 pair hoes, $6.; No. 13, with only 1 pair 6-inch hoes, $4.

Price, complete, as shown in the cut, No. 11, **$8.00.**



The Henderson "BALL-BEARING" Hand Lawn Mower.
High Wheel

Invention's Ripest Fruit! Has Bearings Like A Bicycle!
The Lightest Working Mower Made.

A 24-inch cut pushes as easily as an ordinary Mower of only 16-inch cut.

A lawn may now be mown in one-half the time required with old style narrow-cut Mowers.

The Henderson Ball-bearing Lawn Mower is superior to all other Mowers in the following respects: The axles of the revolving cutter, like the axles of a bicycle work in "**ball-bearing**" journal boxes or cups, which reduces the friction enormously. These parts are made of the finest case-hardened steel, and will last for years, though we have provided against wear should there be any—so that any one, by simply loosening one screw and tightening another, can force the cup and balls higher up the cone-shaped ends of the revolving shaft, thereby taken up all possible wear. This adjustment is so simple, yet positive, that it can be set to a hair. Our Mower is also built scientifically correct in other respects, resulting in a phenomenally light running Mower. A 24-inch cut cuts the grass as easily as a 16-inch cut old style Mower. Your gardener will not now complain about your Mower being "too large and a man killer," if you supply him with a "Henderson Ball-bearing" Mower, even of wide cut

The "Henderson Ball-bearing" is strictly a high-class Mower; we have not endeavored to make it "cheap," but the best we know how—from the highest quality of iron and steel, which has enabled us to very materially reduce the weight. Our knives are sharp and cut like razors and will keep so if the under knife is kept tightened up to the revolving knives, for then the blades wear to the same bevel, and in consequence, are self-sharpening.

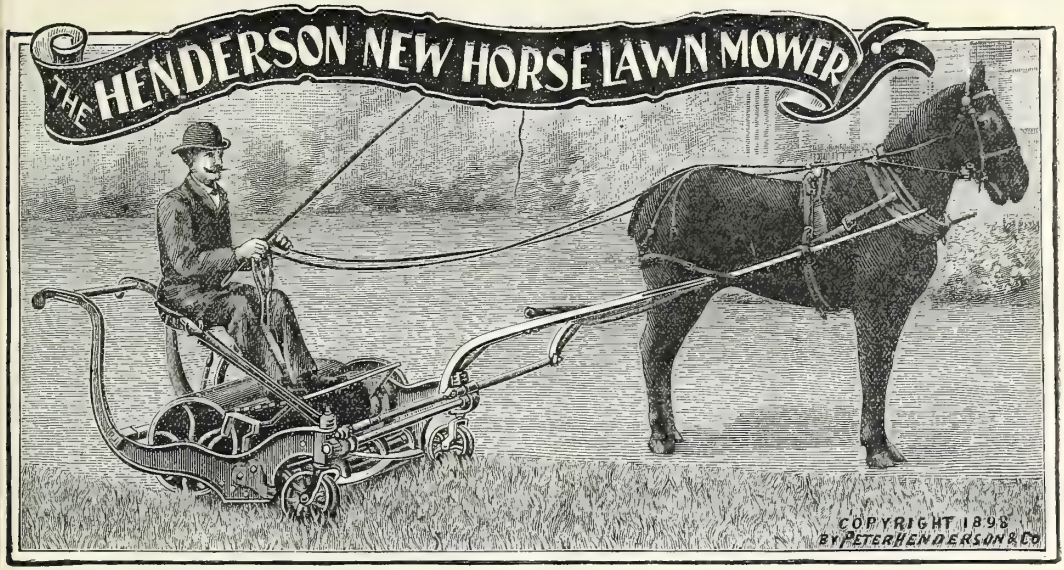
The Henderson Ball-bearing Mower has drive wheels 11 inches high a large, open, non clogging cylinder placed far enough back to prevent any "kicking up" of the Mower when it strikes heavy grass. The spiral of the knives is correctly proportioned to give a continuous cut, leaving the lawn as smooth as if shaved, entirely free from the corrugated surface left by other Mowers. The handles are braced and reinforced to prevent twisting and breaking when one side of the Mower is held off the ground, and besides the handle is equipped with improved "grips," which keeps the hands in a natural position, gives more power and is less tiresome than a continued grasp, with wrists twisted, on a horizontal grip.

PRICES OF THE HENDERSON "BALL-BEARING" LAWN MOWERS.

Strictly net; no charge for packing or cartage.

15-inch cut	**$10.00**	**21-inch cut**	**$12.00**
18-inch cut	**11.00**	**24-inch cut**	**13.00**

Note.—The 24-inch cut renders it unnecessary for us longer to make the small size horse Mower. It will be found very useful on large lawns, even if you have a horse Mower, as there are often times when the ground is too moist and soft to work a horse over it without marring the surface.



THE "HENDERSON" HORSE LAWN MOWER.

This is the best horse-power mower manufactured, simple in construction, very durable, nothing but the very best steel and iron is put in it. It is quickly adjusted to cut high or low, and the arrangement for throwing in and out of gear and for raising the knives when passing over stones, rough places or roads is operated from the seat. The side draught keeps the horse on the cut grass and prevents trampling down that which is to be mown. The revolving knives are "high speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet. We make it only in one size, 36-inch cut, which we have found from our long experience with lawn affairs to be the best size for horse power. If you want a narrower cut, we advise you to get our 24-inch cut Henderson Ball-Bearing High Wheel Hand-Power Mower, offered on page 24. This latter machine will be found very useful, even if you have a horse machine, as often when the ground is moist and soft it would mar it to work a horse on it.

Price for the Henderson Horse Lawn Mower, 36-inch cut, complete with seat, shaft and side draught, **$65.00.** (*Strictly net; no charge for cartage or boxing.*)

Horse Boots, per set of 4, $9.00.

"RUNAWAY" HIGH WHEEL LAWN MOWER.

A first-class high wheel lawn mower at a popular price; the four revolving knives give a continuous cut; made of best materials, easy running, and fully warranted.

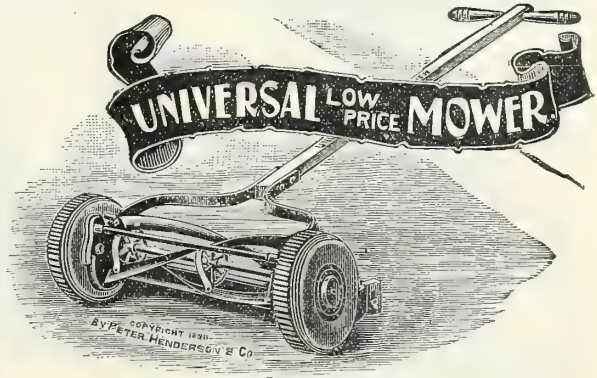
Prices strictly net; no charges for boxing or cartage

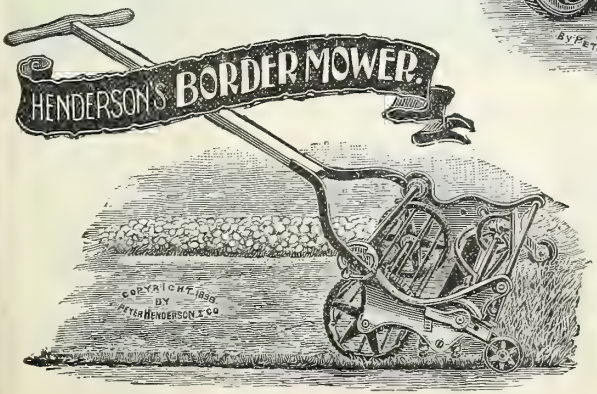
12-inch cut.....	$4.00	18-inch cut.....	$5.50
14- " "	4.50	20- " "	6.00
16- " "	5.00		

UNIVERSAL LOW-PRICED LAWN MOWER.

Prices strictly net; no charge for cartage or packing.

10-inch cut.....	$2.50	16-inch cut	$3.25
12- " "	2.75	18- " "	3.75
14- " "	3.00		





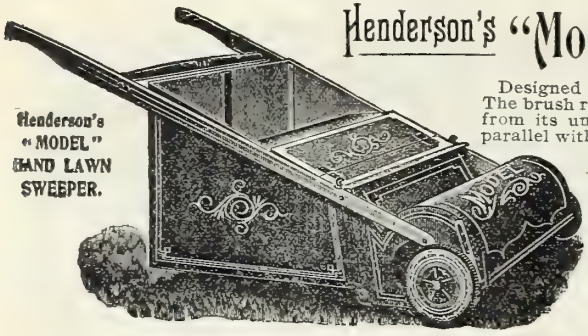
HENDERSON'S EASY BORDER MOWER.

Especially designed to cut the grass on borders—the narrow strips of sod, sometimes only a few inches wide—between flower beds and walks, where a side-wheel mower would have one wheel down in the gutter. A large light cylinder the full width of the mower, keeps the machine level with the surface. This mower is also useful for regular lawn work.

Prices strictly net; no charge for boxing or cartage.

10-inch cut.....	$6.00	16-inch cut	$9.00
12- " "	7.00	18- " "	10.00
14- " "	8.00	20 " "	11.00

Henderson's "Model" Hand Lawn Sweeper.



HENDERSON'S "MODEL" HAND LAWN SWEEPER.

Designed for use on lawns, small parks, tennis courts, etc. The brush revolves very rapidly, throwing the litter backward from its under surface. Immediately behind the brush, and parallel with it, a thin shoe passes along over the ground, with its upper surface inclined. The operation involves the principle of "dust-pan and broom." In addition to this, the revolving brush creates a strong current of air that blows the litter back into the rear of the hopper. If sticks, stones or leaves are encountered, the shoe does not allow them to pass under it, but provides a passage over it into the hopper.

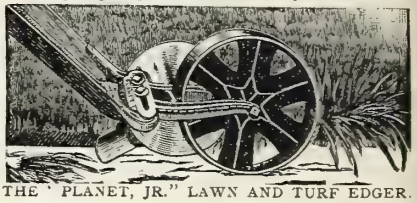
The revolving brush is pressed against the ground, allowing the machine to be used on clipped and unclipped lawns, over rough or smooth ground. The machine does nice, clean work. It does not tear the sod nor dig up the earth like a rake, but leaves the grass clean and velvety. The hopper can be dumped or taken out and emptied. It takes only a few minutes to go over a large lawn. *(See cut.)* The machine weighs twenty-eight pounds, is twenty-five inches wide, twenty-one inch brush. **Price,** $10.00.

Philadelphia Horse Lawn Sweeper.

A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. Sweeps forty inches wide.

The sweeper gives you a perfect lawn as soon as the sweeping is finished, instead of looking gray for several days owing to the withered cut grass.

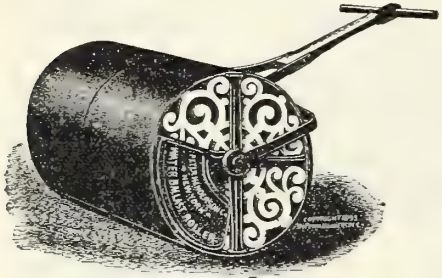
If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over. **Price,** $70.00.



THE "PLANET, JR." LAWN AND TURF EDGER.

The "PLANET, JR." Lawn and Turf Edger.

This little tool trims the turf around the edges of the flower beds, walks, roads, etc.; the revolving cutter does perfect work, either on a curved or straight border, edging accurately at just the correct angle, and at the speed of a mile an hour, while the hoe cleans the bottom of walk. The hoe can be removed if desired. It is invaluable in giving a finished appearance to the lawn. Weighs 26 pounds. **Price,** *complete*, $5.00.



WATER BALLAST ROLLER.

The Henderson "Water Ballast Roller."

FOR HAND POWER.

Made of rolled sheet steel, weighs only 280 lbs. and loads with water or sand to any weight desired up to 600 lbs. It is made scientifically correct, draft 20 per cent. lighter than any other roller of equal size, it tracks two feet and is 24 inches in diameter, is in two sections turning out grass without tearing it, does perfect work on lawns, walks, driveways, etc. **Price,** $25.00.

CAST IRON ROLLERS for Hand and Horse Power, all sizes and weights. Send for prices.

The Barrel is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while barrel is either full or empty. We have wheels 1½, 2½ and 3½in tire, *but always send truck with wheels 1½ inch tire, unless otherwise specified.* **We also supply as extra attachments the following: A Box** with trunnions and spring catch, making a very superior *dumping* Hand-cart. **A Sprinkler** invaluable for watering lawns and sprinkling walks. Water is turned on and off by hand wheel and ball valve. **A Leaf Rack,** very useful for removing leaves and litter. *(Knocks down for shipment.)* **A Force Pump,** "The Gem," can be set on any part of the barrel, for either right or left handed person, can be used for washing windows and carriages, spraying trees, watering plants and hotbeds. The working parts of the pump are all brass. It works very easily, and throws a stream 40 feet, and is well adapted for spraying trees and shrubbery with insecticides and fungicides.

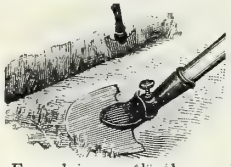
PRICES

Truck and barrel, 1½-in. tire....$ 9.00	Extra trunions, per pair..... $0.50	Gem Force Pump Attachment.. $5.00
Truck and barrel, 2½-in. tire.... 10.00	Hand-cart box..... 2.75	*(If truck and trunions without barrel are wanted, deduct $2.00 from prices of trucks with barrel.*
Truck and barrel, 4-in. tire..... 11.00	Leaf Rack..... 4.00	
Extra barrel, with trunions on... 2.50	Sprinkling attachment..... 2.50	

Revolving Sod Trimmer or Border Cutter.

For trimming turf around edges of walks and beds. A revolving knife enables the work to be done with rapidity. Price, $1.00.

Combination Border Knife and Scuffle Hoe.



For edging up borders and cleaning walks; instantly changed from edger to scuffle hoe. Price, 7½ in. blade, 60c. each; 9 in. blade, 75c. each.

"Half Moon" Grass and Turf Edging Knife.

For trimming the sod around borders of walks, etc. Price, with handle, 50c. each.

Purdy's Combined Walk Hoe & Edging Knife.

As a scuffle hoe it cuts off all weeds in the walk, and the edging knife trims the sod accurately. Price, 75c.

Lawn Shears.

For cutting grass under shrubs, fences, etc. Price, with two wheels, 9 inch blades, $2.50.

Grass Edging or Border Shears.

For trimming overhanging grass around edges of walks, etc. Price, 9 inch blades, $2.25, or with wheel, $2.75.

"Curved Handle" Grass or Sheep Shears.

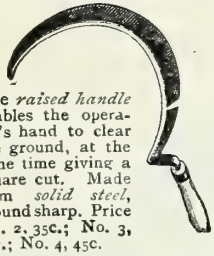
Extra long, 7 inch blades. The handles are curved to prevent rubbing the knuckles on the ground. Price, 85c., or mailed, $1.00.

Hedge Shears, also used for Trimming Grass.

8 in. blades, $1.25, with notch, $1.50; 9 in. blades, $1.50, with notch, $1.75; 10 in. blades, $1.75, with notch, $2.00.

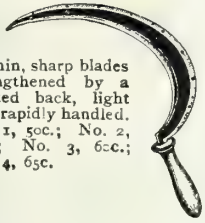
The "notch" is at the heel of the blades, for cutting small branches.

The "Knuckle Saver" Grass Hook.



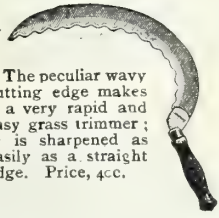
The *raised handle* enables the operator's hand to clear the ground, at the same time giving a square cut. Made from *solid steel*, ground sharp. Price No. 2, 35c.; No. 3, 40c.; No. 4, 45c.

Imported English Riveted Back Grass Hooks.



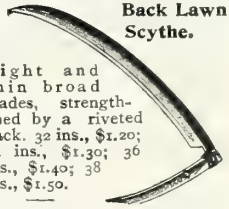
Thin, sharp blades strengthened by a riveted back, light and rapidly handled. No. 1, 50c.; No. 2, 55c.; No. 3, 60c.; No. 4, 65c.

Serrated Grass Hook.



The peculiar wavy cutting edge makes it a very rapid and easy grass trimmer; it is sharpened as easily as a straight edge. Price, 40c.

Imported English Riveted-Back Lawn Scythe.



Light and thin broad blades, strengthened by a riveted back. 32 ins., $1.20; 34 ins., $1.30; 36 ins., $1.40; 38 ins., $1.50.

Scythe Snaths or Handles.

With patent fastening, 75c. ea.

Old-Fashioned Sun Dials.

Very unique and interesting lawn ornaments. Price, $1.50 each.

An imported turfing iron for lifting sod evenly, rapidly and without breaking. $4 00.

Turf Cutting Axe, $2.25.

Cane Weeding Gouge.

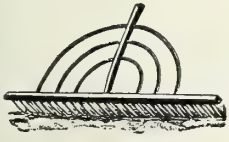
CHISEL BLADE
Chisel Blade Weed Cutter.
With foot-rest so it can be pressed, cutting off roots of weeds without marring the lawn. Price, 50c. each.

A convenient tool for cutting weeds out of lawns without marring the surface. Price, 50c. each.

Henderson's Lifting Weeder.

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. 60c. each.

Wooden Lawn Rake.



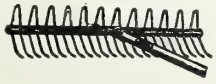
Best selected three bow, 24 teeth, varnished head. 30c. each, $3.25 per doz.

Automatic Self-Cleaning Lawn Rake.

A backward motion of the operator will clean all the teeth at once, thus avoiding cleaning the teeth with the fingers. Made of best hickory.

26 teeth.....$0.80 each.
38 " ..... 1.00 "
52 " ..... 2.00 "

Reversible Steel Lawn Rake.



Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 50c each.

English Daisy Rake.

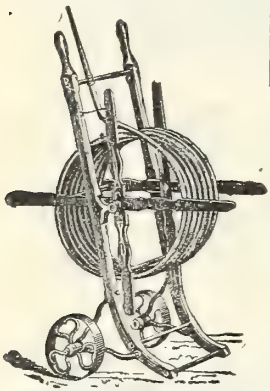
For running over lawns, tearing off disfiguring daisy and dandelion flowers, which are carried in the deep hooded head.

16 inch head.....$3.00
20 " " 3 50
24 " " 4.00

Bent Leg Hose Carriage.

This is the best wooden reel made—it is not easily tipped over. Can be rolled from place to place. By using a reel the hose is always drained, thus preventing it from rotting.

No.	Holds ¾ Hose	Price.
A	100 ft.	$1.75
B	200 ft.	2.00



BENT LEG HOSE CARRIAGE.

HENDERSON'S "BEST PARA" HOSE.
(Showing new "water tight" couplings on.)

Henderson's "Best Para" Rubber Hose.

The highest grade of garden hose, being made entirely from New Para Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 200-pound pressure. Every length is fitted with the new water-tight couplings. *(Hose is furnished only in 25 feet and 50 feet lengths; the sizes ¾ and 1 inch refer to the internal diameter of the bore.*

¾ in., per 25 ft. length, $4.00; 50 ft. length, $7.50
1 " " 25 " " 5.50; 50 " " 10.00

"STANDARD QUALITY" RUBBER HOSE.

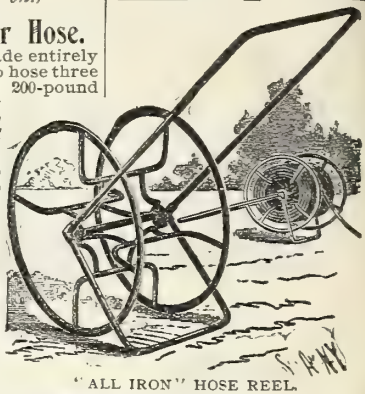
A good hose and will stand a 75-pound pressure, yet it is not warranted. Each length is fitted with the regular couplings.

¾ in. per 25 ft. length, $3.00; 50 ft. length, $5.75
1 " " 25 " " 3.75; 50 " " 7.00

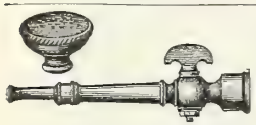
"All Iron" Hose Reel.

Is constructed entirely of iron, and is indestructible. It is light in weight, frictionless, and the wheels being high makes it easily manipulated; a good, strong, handsome and convenient reel.

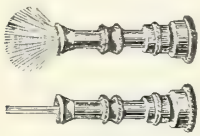
No.	Height wheels	Holds ¾ Hose	Price.
10	21 in.	100 ft.	$2.75
20	24 in.	150 ft.	3.00
30	30 in.	500 ft.	5.00



"ALL IRON" HOSE REEL.



Brass Hose Nozzle. With stop cock, spray rose and stream. Prices, for ½ and ¾ in. hose, 75c.; for 1 in., 85c., postage 10c. extra.

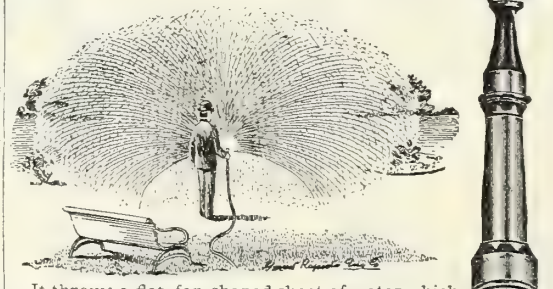


The "Graduating" Spray Nozzle. Will throw a coarse or a fine spray or a solid stream. Price, ¾ in. 50c.; 1 in. 60c.; postage extra 5c.

Hudson's Hose Mender.

Practical, simple, perfect. Price, per box of 6 tubes, 20 bands and 1 pair of pliers, 75c.; or by mail, $1.00. *(Give size of hose.)*
TUBES, ½ in. 2c.; ¾ in. 3c.; 1 in. 4c each
BANDS 20c. per doz.
PLIERS 30c.; by mail, 35c.

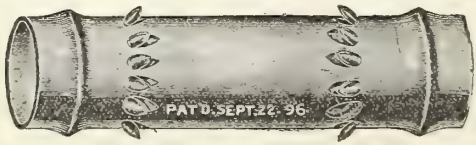
The "Rain Maker" Hose Nozzle



It throws a flat, fan-shaped sheet of water which breaks up into myriads of small drops falling like gentle rain and covering an arc-like area of from 6 to 12 feet in diameter according to pressure. The spray is so evenly scattered that the soil does not pack nor wash out from the roots of plants or grass

No. A. 3-16 in. flow, medium pressure, fits ¾ in. hose, **75c.** each
No. B. ¼ in. flow, for heavy pressure, fits ¾ in. hose, **75c.** each.
No C, ⅛ in. flow, killing red spider, fits ¾ in. hose, **75c.** each.
No. D, 5-16 in. flow, heavy pressure. fits 1 in. hose, **$1.00** each.
(If by mail, add 10c. each extra for postage.)

The "Cooper" Brass Hose Mender.

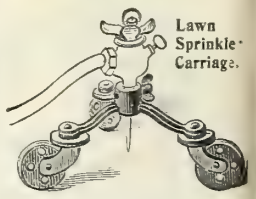


Made of thin brass tubing; will not rust or wear out; scarcely decreases the flow of water. No fastening is required; the barbs will hold hose firm **Price,** for hose with ½ in. bore, 7c. each, 75c doz.; for hose with ¾ in. bore, 7c. each, 75c. doz.; for hose with 1 in. bore 8c each, 85c. doz. If wanted by mail, add 5c. per doz., at the single price postage free.

Gem Nozzle Holder.

For watering lawns and flower beds. The hose is held firmly and can be adjusted to any elevation in an instant. 25c each, by mail, 30c.

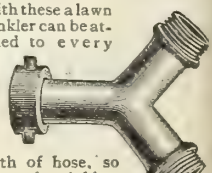
Lawn Sprinkler Carriage.



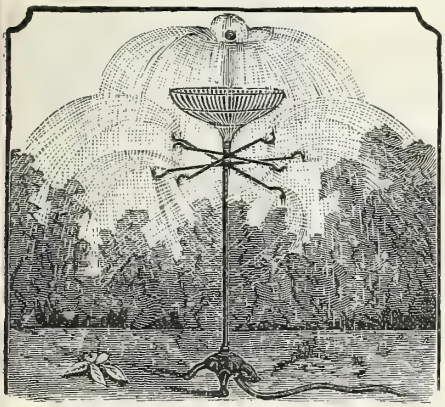
Can be used with any sprinkler, having a spur to stick in the ground—the carriage enables the sprinkler to be moved without shutting off the water. Price, 75c. each.

Siamese Hose Connection

With these a lawn sprinkler can be attached to every



length of hose, so several sprinklers can be operated at one time. Price, for ¾ in. hose, 75c.; by mail, 85c.



THE HENDERSON LAWN SPRINKLER.

HENDERSON'S ("4-Arm and 8-Arm") LAWN... SPRINKLERS.

Serve the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 60 to 100 feet in circumference, according to the pressure on the water. An ornamental standard, about 4 feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing. **Prices:** for a 4-arm sprinkler, $2.75; for an 8-arm, $3.25.

BALL and BASKET. This fits on top of the Henderson sprinkler, and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the centre and is again raised by the water. **Price,** $2.50 extra,

THE "COMET" LAWN SPRINKLER.

Will sprinkle an area Four Times greater than any other sprinkler.

By means of the swiftly revolving arms and intermediate gears the upper part of the body is made to revolve slowly around, carrying the hose nozzle, from which a large stream of water is thrown far out beyond that thrown by the arms, thereby covering four times the space of any other stationary sprinkler. With an ordinary force of water it will thoroughly sprinkle a space of 80 feet in diameter. The nozzle and arms are adjustable, so that it can be adapted to as small a space as desired. **Price,** $5.00.

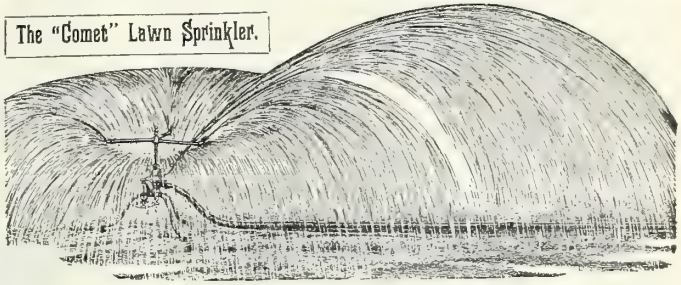
THE BONNET LAWN... SPRINKLER.

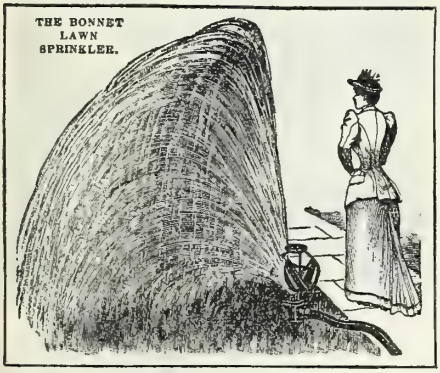
Will sprinkle either a half or full circle.

When set to sprinkle a half circle it can be placed close to a walk, and while wetting the lawn yet allows one to pass on a dry walk. It will sprinkle a circle from 2 to 40 feet, according to water pressure For full circle place the revolving wings in the centre; for half circle, place them on one side.

Price, (*with spur to stick in the ground*), $1.50; or by mail, $1.65.

The "Comet" Lawn Sprinkler.





COMMON SENSE LAWN SPRINKLER.

There are no moving parts to get out of order, no arms to get bent, stopped up, etc. The Sprinkler may be cleaned in a moment, should it become choked, by simply loosening the nut, the force of water will drive out any dirt that has accumulated.

In use the most beautiful water effect is produced, there being a large umbrella spray, very fine, as well as jets nearly upright; these jets not only add to the beauty of the fountain, but by falling upon the umbrella spray break it up more and dash the water over all parts of the large circle. The parts all being rigid there is little loss of pressure.

While the area covered is very large, yet the spray is so fine that comparatively little water is used; not only this, but the spray being very fine, the sunshine produces most beautiful rainbow effects.

The diameter of the circle will vary with the pressure; good to heavy pressure will wet a circle 20 to 40 feet in diameter. **Price,** $1.25 each.

The "WATER WITCH" Lawn Sprinkler.

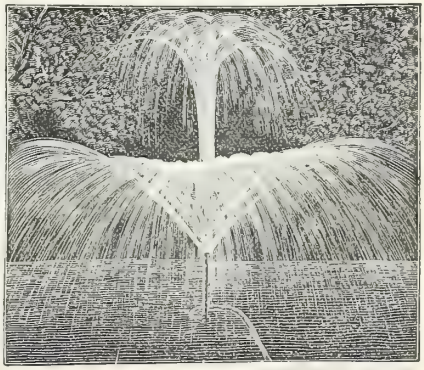
(With or Without Stand.)

An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of. (*See cut.*)

Price, without stand (*i. e., with spur to stick in the ground*), 75c. each; by mail, 85c. each.

Price, with stand (*cannot be mailed*) $1.25 each.

THE "WATER WITCH" LAWN SPRINKLER.



COMMON SENSE LAWN SPRINKLER.

STAKES.

FANCY "COLUMBIA" TUB.

ROUND GREEN TAPERING.

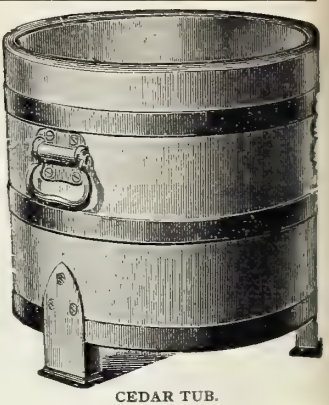
2 feet	3c.	each,	$0.25	doz ,	$1.75	hun.
3 "	5	"	.50	"	3.50	"
4 "	7	"	.75	"	5 00	"
5 "	8	"	.90	"	6.50	"

SQUARE GREEN TAPERING.

2 feet	3c.	each,	$0 25	doz.,	$1 50	hun.
3 "	4	"	.40	"	2.75	"
4 "	5	"	.50	"	3 50	"
5 "	6	"	.65	"	4.25	"
6 "	7	"	.80	"	5.50	"

Round Green Dahlia Stakes, White Fancy Turned Tops.

2 feet	3c.	each,	$0.30	doz.,	$2.00	hun.
3 "	5	"	.50	"	3.50	"
4 "	7	"	.75	"	5.00	"
5 "	10	"	1.00	"	6 50	"
6 "	14	"	1.50	"	10.00	"



CEDAR TUB.

"Columbia" Flower Tubs.

Durable cypress staves, held by strong steel wire hoops that can be tightened by draw screws connected with the handles. The "Fancy" (*see cut*) has staves finished like red wood, alternating with staves of natural finish, all varnished. The "Plain" has smooth top and is entirely natural wood.

No.	Diam-eter	Height	Fancy	Plain
A.	12 in.	11 in.	$1.75	$1 00
B.	15 in.	14 in.	2 25	1.50
C.	18 in.	16 in.	3 00	2.00
D.	21 in.	18 in.	$3 75	$2 50
E.	24 in.	20 in.	4.50	3 00

Cedar Tree and Palm Tubs.

Heavy iron hoops Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside. Painted red, if desired, at an extra cost of 10 per cent.

No.	Outside Diam.	Length of Stave,	Price.
0.	27 in.	24 in.	$6 00
1.	25 in.	22 in.	5 00
2.	23 in.	20 in.	4.50
3.	21 in.	18 in.	4 00
5.	18 in.	16 in.	3.50
6.	16 in.	14 in.	2 75
7.	14 in.	12 in.	2 25
8.	13 in.	11 in.	2.00
9.	12 in.	10 in.	1.75

LYON'S AUTOMATIC LAWN FEEDER.—(*Odorless.*)

It applies the fertilizer while you Water.

It is a neat, light device, attached between the end of the hose and the nozzle or lawn sprinkler and automatically dissolves a stick of *Concentrated Fertilizer*, diffusing it through as much water as will pass through an ordinary garden hose in about one hour It is clean, odorless, non-poisonous and will give perceptible results after one week's use on your lawn or in your garden. The Cartridges that fit into the feeder are prepared from the *most powerful and efficient concentrated fertilizers.* The analysis shows 4½ per cent of Phosphoric Acid; 13½ per cent Potash; 12½ per cent Ammonia, a combination to make the plant life grow and flourish, keep the grass green, and the flowers in bloom. The fertilizer is sufficiently hardened to prevent a too rapid wasting, but it is thoroughly dissolved as it leaves the nozzle and is therefore in a condition to be readily absorbed by the roots of plants or grass. Complete outfit, consisting of one holder and 12 of the food cartridges, prepaid to any address on receipt of $1 00

Extra Food Cartridges, in boxes of 24 for 50c., or prepaid for 75c.

HENDERSON'S FLUID WEED DESTROYER.

For Weeds, Moss, Grass, etc , in Garden Walks and Carriage Drives.

It completely destroys all weeds, wherever applied, thus saving an immense amount of labor in hoeing, etc. Its application is easy, being in a liquid form and only requiring to be mixed with water and applied with a watering can 1 quart to 6 gallons is sufficient for 1000 square feet. **Quart Can, 50c. Gallon Can, $1.25. 5-Gallon Keg, $4.00.**

READE'S WORM ERADICATOR.

For immediately removing Worms of every kind from Lawns, Garden Plots, Flower Pots, etc., without injury to the Most Delicate Plant or Flower. . . . .

Directions fo Use.—Mix an ounce of the Eradicator (about two tablespoonsful) with one gallon of water in a watering can, and use freely in the ordinary way of watering.

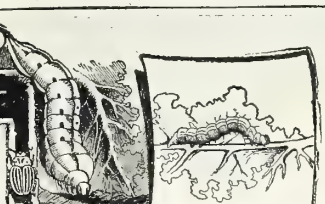
The worms will immediately rise to the surface of the lawn or pot, and should at once be picked up and burned, as if left about they would injure birds or fowls.

$1.00 Bottle makes 25 Gallons Liquid.
$3.00 Bottle makes 80 Gallons Liquid.

MR E B CURTISS Captain of the Fairfield County Golf Club Greenwich, Conn., writes October 28th, 1897.

Three quarts of the "Worm Destroyer" mixed with 60 gallons of water sprinkled on the surface of a Putting Green, 60 feet square, covered it in a jiffy with countless squirming nuisances.

REMEDIES for INSECTS & FUNGUS



Insects that Eat Foliage, Fruits, Flowers Etc, whether they are bugs, worms, caterpillars or slugs, etc., are best destroyed by some poisonous Insecticide, such as Paris Green Laurel Green or Hellebore. If for any reason it is not deemed safe to use a poison, the next best non-poisonous Insecticides are Persian Powder, Slug Shot, Fir Tree Oil or Soap, Kerosene Emulsion or Tobacco Extract or Tobacco Dust.

Insects that Suck the Juices of Plants, such as lice, green and black fly, red spider, scale, mealy bugs, etc, can only be destroyed by skin-irritating Insecticides, such as Kerosene Emulsion; Extract of Tobacco, Tobacco Dust, Fir Tree Oil or Soap.

Plants and Fruits affected by Fungus Disease, such as mildew, spot, dry rot, rust, etc., should be promptly treated with either Bordeaux Mixture, Copper Solution Ammoniated, Laurel Green or Sulphur.

For Tree Borers, Insects on trunks, eggs on bark, and to prevent crawling up the trunk, use either Caterpillar Lime, Whale Oil Soap or Tree Protecting Bands

For Animal Insects, use Cattle Comfort, P. D. Q. Powder or Thymo-Cresol.

Application of Insecticides and Fungicides is best done for fluid solutions with a Spray Pump, Knapsack Sprayer, Syringe or Vaporizing Bellows. In powder form they are best applied with a Powder Gun, Bellows or Duster, all of which are described on the next pages, No. 32 and 33.

ABOUT MAILING:

☞ Powders, Soap and Pastes (*those offered by the pound*) —non-poisonous—can be sent by mail, if 15c. per lb is added to the prices, to pay postage. Fluids (*those offered by the quart, etc.,*) are not mailable.

Ant Destroyer. A non-poisonous powder which sprinkled around their haunts, will destroy or drive away black ants from lawns, trees, plants, houses or other affected locality. Price, ¼ lb. can, 25c.; 1 lb. can, 75c.

Bordeaux Mixture, Improved. Ready for use by simply adding cold water. An indispensable Fungicide, curing and preventing black rot, mildew, blight, rust, scab and all fungoid diseases on fruits and plants. (*1 lb. makes 5 gallons of spray.*) Price, 1 lb., 20c ; 5 lbs., 75c.; 10 lbs., $1.25; 25 lbs., $2.50; 100 lbs. or over at 9c. lb

Caterpillar Lime, Imported German. For the prevention of crawling insects from going up or down the trunks of trees; prevents the laying of eggs on the bark, and the hatching of those already laid; prevents borers, scale, etc, and keeps all animals from gnawing the trees; it remains sticky and efficacious from 3 to 5 months, and is easily and cheaply applied. (*Little booklet, giving full information, mailed on application.*) Price, 5 lb. can, $1.00; 10 lb. can, $1.75; 25 lb. keg, $3 75.

"Cattle Comfort." protects horses, cattle, dogs, etc., from flies, gnats, mosquitoes, horse-fly and other insects, is healing to sores, destroys head lice on fowls, etc. Prices, 1 quart, 45c.; 1 gallon, $1.15; 5 gallons, $5.00.

Copper Solution, Ammoniated. A Fungicide, the same as Bordeaux Mixture, the essential ingredient *Carbonate of Copper*," being dissolved in ammonia in this, while in Bordeaux it is counteracted by lime. Bordeaux is the cheaper and most popular for all ordinary purposes, but for late sprayings, when fruits are nearing maturity, or plants in bloom, Copper Solution is usually used as there is no limy sediment left to be washed off by rain or hand before marketing. One quart is sufficient for 25 gallons of spray. Prices, 1 quart, 50c.; 1 gallon, $1.50; 5 gallons, $6.00.

Fir Tree Oil. A popular Insecticide for green-house and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphis (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. ½ pint is sufficient for 10 gallons of water. Price, ½ pint tin, 40c.; pint, 75c.; quart, $1.40; ½ gal., $2.50; 1 gal., $4.25.

Fir Tree Oil Soap. A formula of the above Fir Tree Oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation. An ounce makes 1 gallon. Price ½ lb tins, 25c . 2 lbs., 75c ; 5 lbs., $1.75 , 10 lbs., $3.25 ; 20 lbs., $6.00.

Hellebore, Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved 1 oz. in 3 gallons water. Price, 20c. per lb.

Kerosene Emulsion. A paste, ready for use by simply adding water, 1 lb. to 10 gallons. For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all **sucking** insects, either on plants or animals. Price, 1 lb., 20c.; 5 lbs., 75c.; 25 lbs., $2.50.

Laurel Green. A combined Insecticide, and Fungicide. Contains about 6 per cent Arsenic and 10 per cent. Copper. It does the work both of Paris Green and Bordeaux Mixture combined, and saves the labor of applying both separately. It is neutral, and is in a fine powdery condition for dissolving in water or blowing on dry. (Full directions on each package.) It is a deadly poison to the worms and insects that eat it, having all the qualities for that purpose that Paris Green contains. Its Copper Salts act as a preventive against the spread of fungi and the mildews that destroy so much fruit and ruin so many crops. The cost of Laurel Green is about half that of Paris Green, and the labor is half, as one spraying serves two purposes. It kills bugs and prevents the rot. Price, 1 lb. packages, 15c. $1.25 doz.; 50 lb. keg, $4.00; 300 lb. bbl., $18.00.

Paris Green. A poisonous, insoluble powder, indispensable on the farm or garden, for preventing the ravages of potato bugs, codling moth, worms caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb in 200 to 300 gallons water. Price, 25c. per lb.

Persian Powder or Buhack. Henderson's Superior Grade. (*Cheap adulterated grades are worthless.*) A most effective, non-poisonous, impalpable powder, so fine that it penetrates the innermost crevices. For worms, flies, aphis and almost all kinds of insects it is very effectual, suffocating them by filling up the breathing pores. Price, 10c. ¼ lb., 35c. per lb.

"P. D. Q." Powder for Dogs and Poultry. This celebrated, non-poisonous, disinfecting insect powder is considered the best by many prominent breeders and fanciers, who use it exclusively for fleas, lice and other insects on dogs, cats, chickens, cattle, etc. It kills the insects immediately, and does not injure hair, feathers or skin; in fact, is healing and a disinfectant, and "slicks up the coat." Price, 1 lb. box, 25c.; 5 lb. bag, $1.00.

"Rose Leaf." Extract of Tobacco. One of the most effectual articles for the destruction of all insects and scale on plants; a pure, concentrated extract of tobacco, dilute with from 30 to 150 parts of water. *Full instructions for the various methods of applying, are given in our "Rose Leaf" pamphlet, mailed on application.* Pint can, 30c.; quart can, 55c.; gallon can, $1.50; 5 gallon can, $5.50.

Slug Shot. A non-poisonous powder and a very popular Insecticide; it requires no further mixing or preparation, easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Price, per keg of 125 lbs. net, $5 00; per barrel of 235 lbs. net, $8.50; in 10 lb. packages, each 50c ; 5 lb. packages, 30c.; in tin canister, with perforated top for applying, 25c. each.

Sulphur Flowers. Price, 10c. per lb.; 10 lbs., 60c.; 25 lbs. and over, at 5c. per. lb.

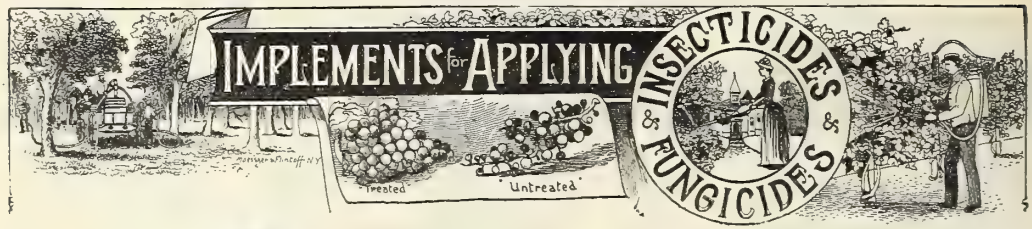
"Thymo-Cresol" English Cold Water Sheep Dip. A world-famous dip, and, besides, is unexcelled as an internal and external remedy for animals wounds and skin diseases, for killing animal parasites, mixing with whitewash for trees, chicken-houses kennels, etc. A gallon makes a hundred gallons for most uses. Prices, pint can, 45c.; quart can, 65c.; 1 gallon can, $1.75; 5 gallon can, $6.75; 10 gallon can, $12.00.

Tobacco Dust, Fine. For green and black aphis, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, 10c. per lb.; 5 lbs., 30c.; 10 lbs., 50c.; $2.00 per 100 lb. bag.

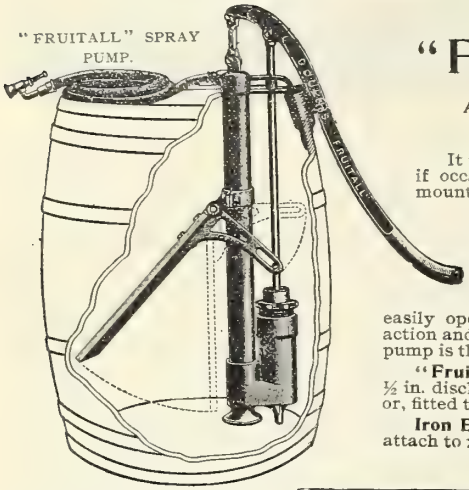
Tobacco Stems. Indispensable for fumigating greenhouses and conservatories, for the destruction of green and black aphis and other insects. Price, 50 lb. bale, 85c.; 100 lbs. $1.50; per ton of 2,000 lbs , $20.00.

Tree Protecting Bands—"Pillar Cater"—is very effectual for preventing insects, caterpillars, etc., from crawling up the trunks of trees. It consists of a strip of waterproof paper 4 inches wide, with a row of cotton batting on the under side stitched to each edge. The centre of the paper is coated with a substance, which remains sticky for months. Price, 18c. per yard ; 10 yards and over, 16c. per yard ; 25 yards and over, at 15c. per yard.

Whale Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 15c. per lb ; 2 lbs., 25c ; 5 lbs., 50c.; 25 lbs. and over, at 8c. per lb.



"FRUITALL" SPRAY PUMP.



"Fruitall" Spraying Outfit.

A Strictly HIGH GRADE UP-TO-DATE PUMP, Embodying Several Important Improvements.

It is simple, the parts accessible and easily removed for cleaning if occasion demands. It has **all working parts of brass**. It can be mounted on or removed from barrel or tank by the *simple adjustment of two thumbscrews*. It is held firmly by clamp at top, and is adjustable to large or small barrel. The Brass Plunger is very strong. The Brass Valves never clog. Steel air chamber of unusually large capacity. It has a long adjustable lever. It is built low down, and with the exception of lever and discharge, is contained within the barrel, offering no obstruction to overhanging limbs, and is not top-heavy. The pump is large, but easily operated by a single person. **The Agitator** is mechanical in its action and much superior to the old method of "return discharge." This pump is the most efficient and satisfactory pump ever offered.

"Fruitall" Outfit "A." Fruitall Spray Pump with one lead 10 feet ½ in. discharge hose with "Vermorel" Spray Nozzle and Agitator, **$8.50**; or, fitted to barrel, **$10.00**.

Iron Extension Pipe, 8 ft., with stopcock, to reach top of trees fitted to attach to nozzle and hose, each **$1.25**.

The "Henderson" Hand Bucket Pump.

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray, as desired; very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle it can be used for washing carriages, windows, etc. (*See cut.*) **Price, $3.50** or with extra 7 feet section of hose and pole connection for tree spraying, **$4.50**.

Gem Force Pump and Spraying Outfit.

Clamps to the chine or side of any barrel, but is made particularly for our Water Barrel and Truck outfits, offered on page 28. The "Gem" is intended to fill a want for a low-priced pump. It has not the power or capacity of the larger and more expensive spray pumps, but where there are only a few trees, bushes, vines etc., to be treated, it will answer admirably for both applying insecticides and fungicides, and by altering the nozzle it is adapted for sprinkling walks, watering flower-beds, washing windows, carriages, etc. The pump can be quickly removed from the barrel.

PRICES, *(without barrel or truck.)*

Gem Outfit "A." Pump fitted with two feet of suction pipe and brass strainer; 5¾ ft. ½-inch hose and nozzel, **$5 00**.

Gem Outfit "B" is the same as "A," excepting the hose is 12½ feet long, fitted with pole connection to spray tree, **$6.00**.

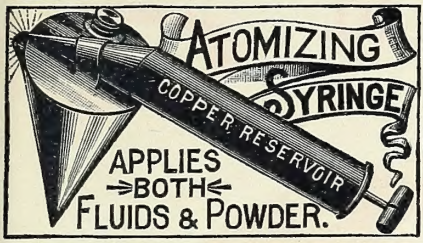
For prices with barrel and truck, see page 26.

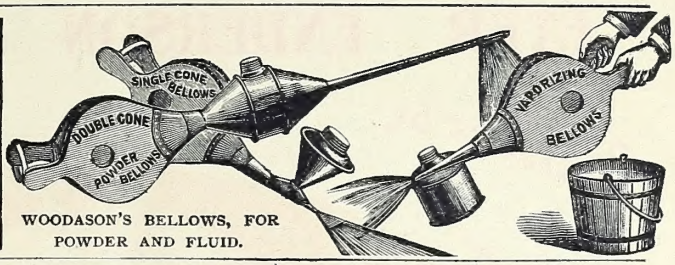
LITTLE GIANT POWDER GUN.

(Illustrated on opposite page.)

For applying any dry powder, such as Paris green, London purple, Hellebore, Insect powder, Lime, Plaster, etc., on plants, or trees, the powder being evenly distributed over a wide space and with the least possible waste; the work being more rapidly done than by any other known implement. It is 24 inches long, with extra tubes for dusting trees, and holds one quart of powder. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes that carries with it a small portion of powder. The quantity may be increased or diminished, as desired. **Price,** complete, **$4.00**.

GEM FORCE PUMP.





WOODASON'S BELLOWS, FOR POWDER AND FLUID.

HENDERSON'S ATOMIZING SYRINGE

For spraying fluids or powders. The reservoir of heavy copper is not corroded by chemicals. Just what is needed for applying insecticides and fungicides in a mist-like vapor. Holds 1 pint; length of barrel 19 ins.; diameter 1¼ ins. Each, $1.00.

THE "LENOX" SPRAYER.

A five gallon galvanized iron sprayer for applying poisonous fluids, such as Paris green water, etc., to grapevines, low trees, bushes, potatoes, garden vegetables, etc. Can be carried either on the back or by hand, as desired. The fluid flows through the rubber tube and is forced out in a spray by pressing the rubber bulb held in the hand; this spray will reach 10 to 12 feet. Price, with single sprinkling attachment as shown in the cut, $2.50; or with double sprinkling attachment for two rows at once, $3.50.

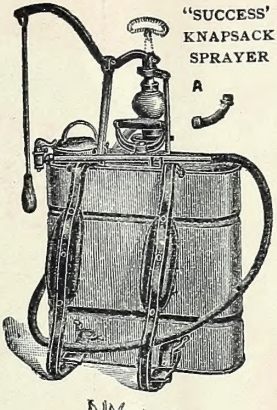
The "Lenox" Sprayer is not adapted for throwing fungicides, such as Bordeaux Mixture, as the spray is not fine enough nor continuous as in the Knapsack Sprayer offered below.

THE "LENOX" SPRAYER.

"SUCCESS" KNAPSACK SPRAYER.

A Knapsack Sprayer and - - - - Bucket Sprayer Combined.

For applying fungicides and insecticides in a mist-like spray, for the treatment of mildew, black rot on grapes, as well as for potato blight, etc; with it a man can spray five to six acres of vines in a day. The machines are made entirely of copper and brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure, so a continuous discharge is given. The *new improvements* enable this sprayer to be used either as a knapsack or bucket sprayer. To be used as a bucket sprayer the handle and lever are removed and the extra handle with which the outfit is provided is placed in position as shown by the dotted lines. It is *provided with a mechanical agitator.* The *Pump* may be worked with either the right or left hand. Any leakage around the plunger is returned into the tank, and does not run down the operator's back. The attachment shown at A is for underspraying. Price, complete, as shown in cut, $10.00.



"SUCCESS" KNAPSACK SPRAYER

The KEROSENE KNAPSACK SPRAYER.

For San Jose Scale, etc.

This apparatus is practically the same as the knapsack sprayer offered above, with the addition of a separate tank for holding kerosene, which is automatically mixed with water when the handle is operated.

Price, complete, $14.00.

LITTLE GIANT POWDER GUN.
(*See page 32*)

ASBESTOS TORCH.

Our Implement Catalogue (mailed free upon application,) illustrates and describes a full line of Horse and Hand Power SPRAYING IMPLEMENTS.

Woodason's FLUID VAPORIZING BELLOWS

For Spraying Plants with Fluid Decoctions for Insects and Fungus.

This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliaged plants. Very useful for roses and garden and greenhouse spraying. (*See cut.*) Price, large size, $2.00. Small size (for house use) $1.25.

Woodason's DOUBLE CONE POWDER BELLOWS.

For Dusting Plants with Dry Powders for Insects and Fungus.

This bellows can be held in any direction without wasting powder, as it regulates its own supply, and does not clog up. The best bellows for destroying insects in conservatory, garden, orchard or field; it dusts under the leaves as well as on top. (*See cut.*) Price, $2.75.

Woodason's SINGLE CONE POWDER BELLOWS.

(*See cut.*)

Price, large size, $1.75. Small size, (for conservatory and house use) $1.00.

"ELECTRIC" POTATO BUG BELLOWS.

A cheap bellows of large capacity, holds one pound of Paris Green or other powder, which is blown and evenly distributed over the plants in large or small quantities, as desired. With it a rapid operator can treat an acre of potatoes in an hour. Price, $1.00.

THE ASBESTOS TORCH.

Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, 50c. each; or by mail, 60c.

NORTON'S PLANT DUSTER.

For dusting potatoes, vines, etc., with powder insecticides. A slight jolting movement distributes the dust in a fine cloud. A cylinder air-chamber projects above the powder so that it never clogs. The projecting dust guard prevents the powder from escaping beyond the plant being treated.

Price, $1.00 each.

NORTON'S PLANT DUSTER

PETER HENDERSON & CO.

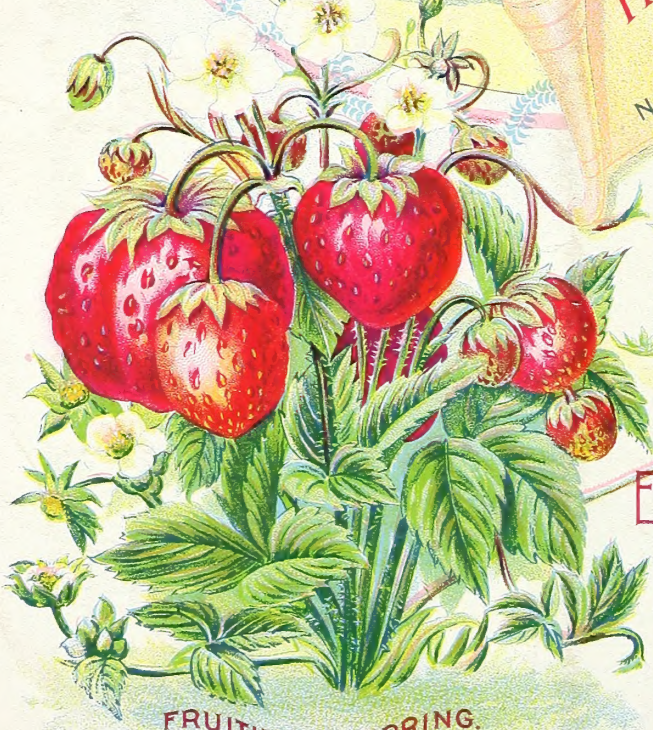
35 AND 37 CORTLANDT ST., NEW YORK.

1899

THE FORERUNNERS OF A NEW RACE

"FRENCH EVERBEARING" STRAWBERRIES

NEW LARGE FRUITING VARIETIES



FRUITING IN SPRING.

FRUITING IN AUTUMN

FRUITING IN SUMMER

THESE NEW LARGE FRUITING

FRENCH

EVERBEARING STRAWBERRIES

possess remarkable characteristics. Plants set out in Summer fruit bountifully the following Spring, and continue to bear, though more sparingly, throughout the Summer. In addition to this, the plants throw out strong runners, which form new plants, and if not cut from the parent plants will also fruit the same season, thus giving a continuous supply of delicious Strawberries from Spring until frost.

See full description on page 3.